

STIC-Biotech/ChemLib

From: Chan, Christina
Sent: Tuesday, May 31, 2005 8:56 AM
To: Yu, Misook; STIC-Biotech/ChemLib
Subject: RE: Rush search 09/720,469

Please rush. thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

-----Original Message-----

From: Yu, Misook
Sent: Tuesday, May 31, 2005 7:29 AM
To: Chan, Christina
Subject: Rush search 09/720,469

PSI approve rush search for the case due this biweek.

STIC, pls do Interference search only for SEQ ID NOS 1, 2, 39, 40, 41, 42, 43 (all small peptides of about 9 amino acids if not call me)

Examiner Misook Yu, Ph.D.
571-272-0839 (Phone)
Art Unit 1642
REM-3A18 (Room)
REM-3C18 (Mail Box)

1 - aa 9
2 - aa 9
39 - aa 9
40 - aa 9
41 - aa 9
42 - aa 9
43 - aa 9

May

CRPE

154807

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M protein - protein search, using sw model

run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignment B)
32.887 Million cell updates/sec

title: US-09-720-469A-1
effect score: 49
sequence: 1 KFHRVIKDF 9

scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

searched: 513545 seqs, 74649064 residues

total number of hits satisfying chosen parameters: 513545

minimum DB seq length: 0
maximum DB seq length: 2000000000

post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database	Issued Patents AA:*
1:	/cgm2_6/ptodata/1/iaa/5A_COMB.pep:*
2:	/cgm2_6/ptodata/1/iaa/5B_COMB.pep:*
3:	/cgm2_6/ptodata/1/iaa/6A_COMB.pep:*
4:	/cgm2_6/ptodata/1/iaa/6B_COMB.pep:*
5:	/cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
6:	/cgm2_6/ptodata/1/iaa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	49	100.0	126	2	US-08-482-728A-10	Sequence 10, Appl
2	49	100.0	126	2	US-08-482-728A-11	Sequence 11, Appl
3	49	100.0	166	4	US-09-513-999C-4171	Sequence 4171, Appl
4	49	100.0	203	4	US-10-043-142-10	Sequence 10, Appl
5	49	100.0	203	4	US-09-806-399-10	Sequence 10, Appl
6	49	100.0	207	4	US-10-043-142-11	Sequence 11, Appl
7	49	100.0	207	4	US-09-806-399-11	Sequence 11, Appl
8	49	100.0	208	1	US-08-142-897-7	Sequence 7, Appl
9	49	100.0	208	4	US-10-043-142-12	Sequence 12, Appl
10	49	100.0	208	4	US-09-806-399-12	Sequence 12, Appl
11	49	100.0	208	4	US-09-538-092-994	Sequence 994, Appl
12	49	100.0	212	4	US-09-538-092-1126	Sequence 1126, Appl
13	48	98.0	113	4	US-09-513-999C-8064	Sequence 8064, Appl
14	44	89.8	114	4	US-09-270-767-32732	Sequence 32732, A
15	44	89.8	114	4	US-09-270-767-47949	Sequence 47949, A
16	44	89.8	184	4	US-09-849-016-7506	Sequence 7506, Appl
17	44	89.8	212	1	US-08-142-897-5	Sequence 5, Appl
18	44	89.8	212	4	US-10-043-142-5	Sequence 5, Appl
19	44	89.8	212	4	US-09-806-399-5	Sequence 5, Appl
20	44	89.8	246	4	US-09-248-796A-19779	Sequence 19779, A
21	44	89.8	274	4	US-09-107-532A-4964	Sequence 4964, Appl
22	44	89.8	371	4	US-09-538-092-548	Sequence 548, Appl
23	44	89.8	407	4	US-09-248-796A-19586	Sequence 19586, A
24	43	87.8	466	4	US-09-583-110-345	Sequence 3345, Appl
25	43	87.8	472	4	US-09-107-433-4470	Sequence 4470, Appl
26	43	87.8	754	4	US-09-976-594-375	Sequence 375, Appl
27	43	87.8	760	4	US-09-949-016-11129	Sequence 11129, A

ALIGNMENTS

RESULT 1
US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-612330/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-10
Query Match 100.0%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.06%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0
QY 1 KFHRVIKDF 9
|||||||

Db 35 KFHRVIKDF 43

RESULT 2
US-08-482-728A-11
Sequence 11, Application US/08482728A
Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: A-61230/DJB/RMS
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 100.0%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.06%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 35 KFHRVIKDF 43

RESULT 3
US-09-513-999C-4171
Sequence 4171, Application US/09513999C
Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent .pm

Query Match 100.0%; Score 49; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.094%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 78 KFHRVIKDF 86

RESULT 5
US-09-806-399-10
Sequence 10, Application US/09806399
Patent No. 6638737
GENERAL INFORMATION:
APPLICANT: DERIK, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043,142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806,399
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 203
TYPE: PRT
ORGANISM: Orpinomyces sp.

Query Match 100.0%; Score 49; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.094%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 78 KFHRVIKDF 86

PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: Orpinomyces sp.
 US-09-806-399-10

Query Match Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
 Qy 1 KFHRVIKDF 9
 Db 83 KFHRVIKDF 91

Query Match Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.094;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
 Qy 1 KFHRVIKDF 9
 Db 78 KFHRVIKDF 86

RESULT 6
 US-10-043-142-11
 Sequence 11, Application US/10043142
 Patent No. 6607904
 GENERAL INFORMATION:
 APPLICANT: DERCKX, PATRICK M.F.
 INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/012B
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-043-142-11

Query Match Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 7
 US-09-806-399-11
 Sequence 11, Application US/09806399
 Patent No. 6638737
 GENERAL INFORMATION:
 APPLICANT: DERCKX, PATRICK M.F.
 INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/012B
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11

Query Match Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9
 US-10-043-142-12

Query Match Score 49; DB 1; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 84 KFHRVIKDF 92

Query Match Score 49; DB 1; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 83 KFHRVIKDF 91

Computer readable form:
 Medium type: Floppy disk
 Computer: IBM PC compatible
 Operating system: PC-DOS/MS-DOS
 Software: PatentIn Release #1.0, Version #1.25
 Current application data:
 Application number: US/08/142,897
 Filing date: 94105
 Classification: 435
 Prior application data:
 Application number: US 08/005,917
 Filing date: 15-JAN-1993
 Prior application data:
 Application number: US 07/740,375
 Filing date: 05-AUG-1991
 Attorney/agent information:
 Name: Dunn, Tracy D.
 Registration number: 34,587
 Reference/docket number: 5490A-92-1
 Telecommunication information:
 Telephone: 415-326-2400
 Telefax: 415-326-2422
 Information for seq id no: 7:
 Sequence characteristics:
 Length: 208 amino acids
 Type: amino acid
 Strandedness: single
 Topology: linear
 Molecule type: protein
 US-08-142-897-7

Sequence 12, Application US/10043142
 Patent No. 6607904
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M.F.
 ADDRESS: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 12
 LENGTH: 208
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-043-142-12

Query Match 100.0%; Score 49; DB 4; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 10
 US-09-806-399-12
 Sequence 12, Application US/09806399
 Patent No. 6638737
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M.F.
 ADDRESS: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 12
 LENGTH: 208
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-806-399-12

Query Match 100.0%; Score 49; DB 4; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.096;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 11
 US-09-538-092-994
 Sequence 994, Application US/09538092
 Patent No. 6753314
 GENERAL INFORMATION:
 APPLICANT: Giot, Loic
 ADDRESS: Mansfield, Traci A.
 TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 FILE REFERENCE: 15966-542
 CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CuraPatSeqFormatter Version 0.9
 SEQ ID NO: 994
 LENGTH: 208
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (0) ..(0)
 OTHER INFORMATION: Polypeptide Accession Number P23284
 US-09-538-092-994

Query Match 100.0%; Score 49; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 0.098;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 86 KFHRVIKDF 94

RESULT 13
 US-09-513-999C-8064
 Sequence 8064, Application US/09513999C
 Patent No. 6783961
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 ADDRESS: Duclert, A.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins
 FILE REFERENCE: 15966-542
 Patent No. 6783961

FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,99C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SEQ ID NO: 8064
 LENGTH: 113
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 36
 OTHER INFORMATION: Xaa=Cys or Ser
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 108
 OTHER INFORMATION: Xaa=Leu or Met or Val
 US-09-513-99C-8064

Query Match 98.0%; Score 48; DB 4; Length 113;
 Best Local Similarity 88.9%; Pred. No. 0.083; Mismatches 0;
 Matches 8; Conservative 1; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 14
 US-09-270-767-32732
 ; Sequence 32732, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 32732
 ; LENGTH: 114
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster
 ; FEATURE:
 ; OTHER INFORMATION: Xaa means any amino acid
 US-09-270-767-32732

Query Match 89.8%; Score 44; DB 4; Length 114;
 Best Local Similarity 100.0%; Pred. No. 0.46; Mismatches 0;
 Matches 8; Conservative 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 84 FHRVIKDF 91

RESULT 15
 US-09-270-767-47949
 ; Sequence 47949, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17

Query Match 89.8%; Score 44; DB 4; Length 114;
 Best Local Similarity 100.0%; Pred. No. 0.46; Mismatches 0;
 Matches 8; Conservative 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 84 FHRVIKDF 91

RESULT 16
 US-09-949-016-7506
 ; Sequence 7506, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 7506
 ; LENGTH: 184
 ; TYPE: PRT
 ; ORGANISM: Human
 US-09-949-016-7506

Query Match 89.8%; Score 44; DB 4; Length 184;
 Best Local Similarity 100.0%; Pred. No. 0.73; Mismatches 0;
 Matches 8; Conservative 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 72 FHRVIKDF 79

RESULT 17
 US-08-142-897-5
 ; Sequence 5, Application US/08142897
 ; Patent No. 5447852
 ; GENERAL INFORMATION:
 ; APPLICANT: Friedman, Jeffrey S.
 ; APPLICANT: Weissman, Irving L.
 ; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Tracy J. Dunn
 ; STREET: One Market Plaza, Steuart Tower, Suite 2000
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94105

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.1.25
 CURRENT APPLICATION NUMBER: US/08/142,897
 FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/005,917

FILING DATE: 15-JAN-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/740,375

FILING DATE: 05-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: Dunn, Tracy D.

REGISTRATION NUMBER: 34,587

REFERENCE/DOCKET NUMBER: 5490A-92-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 212 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-142-897-5

Query Match 89.8%; Score 44; DB 1; Length 212;

Best Local Similarity 100.0%; Pred. No. 0.84;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9

| | | | |

Db 87 FHRVIKDF 94

RESULT 18 US-10-043-142-5

Sequence 5, Application US/10043142

Patent No. 6607904

GENERAL INFORMATION:

APPLICANT: DERCK, PATRICK M. F.

TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES

FILE REFERENCE: 078883/0128

CURRENT APPLICATION NUMBER: US/10/043,142

CURRENT FILING DATE: 2002-01-14

PRIOR APPLICATION NUMBER: 09/806,399

PRIOR FILING DATE: 2002-03-30

PRIOR APPLICATION NUMBER: PCT/IB99/01669

PRIOR FILING DATE: 1999-09-30

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5

LENGTH: 212

TYPE: PRT

ORGANISM: Aspergillus niger

US-10-043-142-5

Query Match 89.8%; Score 44; DB 4; Length 212;

Best Local Similarity 100.0%; Pred. No. 0.84;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9

| | | | |

Db 84 FHRVIKDF 91

RESULT 19 US-09-806-399-5

Sequence 5, Application US/09806399

GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham

RESULT 20 US-09-248-796A-19779

Sequence 9, Application US/09248796A

Patent No. 6747137

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID SEQUENCES RELATING TO CANDIDA ALBICAN

FILE REFERENCE: 107196.132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074,725

PRIOR FILING DATE: 1998-02-13

PRIOR APPLICATION NUMBER: US 60/096,409

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NO 19779

LENGTH: 246

TYPE: PRT

ORGANISM: Candida albicans

US-09-248-796A-19779

RESULT 21 US-09-107-532A-4964

Sequence 4964, Application US/09107532A

Patent No. 6583275

GENERAL INFORMATION:

APPLICANT: Lynn A Doucette-Stamm and David Bush

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 7310

STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ariniello, Pamela Deneke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: ('781) 893-5007
 TELEFAX: ('781) 893-8277
 INFORMATION FOR SEQ ID NO: 4964:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 274 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...274
 SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
 US-09-107-532A-4964

Query Match 89.8%; Score 44; DB 4; Length 274;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 132 FHRVIKDF 139

RESULT 22
 US-09-538-092-548
 Sequence 548, Application US/09538092
 Patent No. 6753314
 GENERAL INFORMATION:
 APPLICANT: Giot, Loic
 APPLICANT: Mansfield, Traci A.
 TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 FILE REFERENCE: 15966-542
 CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CurapatSeqFormatter Version 0.9
 SEQ ID NO 548
 LENGTH: 371
 TYPE: PRT
 ORGANISM: Saccharomyces cerevisiae
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (0)..(0)
 OTHER INFORMATION: Polypeptide Accession Number YLR216C
 US-09-538-092-548

Query Match 89.8%; Score 44; DB 4; Length 371;
 Best Local Similarity 100.0%; Pred. No. 1.4;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRVIKDF 9
 Db 62 FHRVIKDF 69

RESULT 23
 US-09-248-796A-19586
 Sequence 19586, Application US/09248796A
 Patent No. 6747137
 GENERAL INFORMATION:
 APPLICANT: Keith Weinstock et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
 TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.132
 CURRENT APPLICATION NUMBER: US/09/248,796A
 CURRENT FILING DATE: 1999-02-12
 PRIOR APPLICATION NUMBER: US 60/074,725
 PRIOR FILING DATE: 1998-02-13
 PRIOR APPLICATION NUMBER: US 60/096,409
 PRIOR FILING DATE: 1998-08-13
 NUMBER OF SEQ ID NOS: 28208
 SEQ ID NO 19586
 LENGTH: 407
 TYPE: PRT
 ORGANISM: Candida albicans
 US-09-248-796A-19586

Query Match 89.8%; Score 44; DB 4; Length 407;
 Best Local Similarity 100.0%; Pred. No. 1.6;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRVIKDF 9
 Db 99 FHRVIKDF 106

RESULT 24
 US-09-583-110-3345
 Sequence 3345, Application US/09583110
 Patent No. 6699703
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al.
 TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 FILE REFERENCE: PATH00-07A
 CURRENT APPLICATION NUMBER: US/09/583,110
 CURRENT FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/107,433
 PRIOR FILING DATE: 1998-06-30
 PRIOR APPLICATION NUMBER: US 60/085,131
 PRIOR FILING DATE: 1998-05-12
 PRIOR APPLICATION NUMBER: US 60/051,553
 PRIOR FILING DATE: 1997-07-02
 NUMBER OF SEQ ID NOS: 5322
 SEQ ID NO 3345
 LENGTH: 466
 TYPE: PRT
 ORGANISM: Streptococcus pneumoniae
 US-09-583-110-3345

Query Match 87.8%; Score 43; DB 4; Length 466;
 Best Local Similarity 87.5%; Pred. No. 2.7;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRVIKDF 9
 Db 325 FHRVIKDF 332

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RESULT 25
US-09-107-433-4470
; Sequence 4470, Application US/09107433
; Patent No. 6800744
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE
; FOR DIAGNOSTICS
; NUMBER OF SEQUENCES: 5206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02454
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD/ROM ISO9660
; COMPUTER: <Unknown>
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: <Unknown>
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,433
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/ 085131
; FILING DATE: May 12, 1998
; APPLICATION NUMBER: 60/051553
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Arinieillo, Pamela Deneka
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 893-5007
; TELEFAX: (781) 893-8277
; INFORMATION FOR SEQ ID NO: 4470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1..472
; SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
US-09-107-433-4470

Query Match 87.8%; Score 43; DB 4; Length 472;
Best Local Similarity 87.5%; Pred. No. 2.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
Db 331 FHRVIKDF 338

RESULT 26
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furtess, Michael
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12

Query Match 87.8%; Score 43; DB 4; Length 754;
Best Local Similarity 87.5%; Pred. No. 4.3;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
Db 65 FHRVVKDF 72

RESULT 27
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11129

Query Match 87.8%; Score 43; DB 4; Length 760;
Best Local Similarity 87.5%; Pred. No. 4.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
Db 71 FHRVVKDF 78

RESULT 28
US-08-482-728A-6
; Sequence 6, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States

Query Match 87.8%; Score 43; DB 4; Length 760;
Best Local Similarity 87.5%; Pred. No. 4.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
Db 71 FHRVVKDF 78

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ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 123 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-482-728A-6

Query Match Score 41; DB 2; Length 123;
 Best Local Similarity 77.8%; Pred. No. 1.8;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 320 KFHLIKNF 328

RESULT 29
 US-08-482-728A-19
 Sequence 19, Application US/08482728A
 Patent No. 5968802

GENERAL INFORMATION:
 APPLICANT: Wang, Bruce

APPLICANT: Fisher, Joseph
 APPLICANT: Payan, Donald

TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hohbach, Test, Albritton
 ADDRESSEE: & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 523 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-028-366-4

Query Match Score 41; DB 3; Length 523;
 Best Local Similarity 77.8%; Pred. No. 7.2;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 320 KFHLIKNF 328

RESULT 31

US-09-715-285-4
 Sequence 4, Application US/09715285
 Patent No. 6649395
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 HONG, XIQIANG
 MA, DONG
 TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING CYCLOPHILIN AND RELATED METHODS
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/715,285
 FILING DATE: 17-NO-6649395-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/028,366
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 523 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-715-285-4

Query Match 83.7%; Score 41; DB 4; Length 523;
 Best Local Similarity 77.8%; Pred. No. 7.2;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 320 KFHRLIKNF 328

RESULT 32
 US-09-270-767-33856
 Sequence 33856, Application US/09270767
 Patent No. 6703491
 GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 49073
 LENGTH: 186
 TYPE: PRT
 ORGANISM: *Drosophila melanogaster*
 US-09-270-767-49073

Query Match 81.6%; Score 40; DB 4; Length 186;
 Best Local Similarity 75.0%; Pred. No. 4.1;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 72 FHRIRDF 79

RESULT 33
 US-09-270-767-49073
 Sequence 49073, Application US/09270767
 Patent No. 6703491
 GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 49073
 LENGTH: 186
 TYPE: PRT
 ORGANISM: *Drosophila melanogaster*
 US-09-270-767-49073

Query Match 81.6%; Score 40; DB 4; Length 186;
 Best Local Similarity 75.0%; Pred. No. 4.1;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 72 FHRIRDF 79

RESULT 34
 US-09-028-366-2
 Sequence 2, Application US/09028366
 Patent No. 6150501
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: HONG, XIQIANG
 APPLICANT: MA, DONG
 TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING CYCLOPHILIN AND RELATED METHODS
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/028,366
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/028,366
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>

TELEFAX: 978-927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 527 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-09-028-366-2

Query Match Score 40; DB 3; Length 527;
 Best Local Similarity 66.7%; Pred. No. 11;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 321 KFHRVIIRNF 329

RESULT 35
 US-09-028-366-3
 ; Sequence 3, Application US/09028366
 ; Patent No. 6150501
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; APPLICANT: HONG, XIQIANG
 ; APPLICANT: MA, DONG
 ; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 ; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
 ; NUMBER OF SEQUENCES: 16
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: New England Biolabs, Inc.
 ; STREET: 32 Tozer Road
 ; CITY: Beverly
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/715,285
 FILING DATE: 17-NO-6649395-2000
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/028,366
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 527 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-715-285-2

Query Match Score 40; DB 4; Length 527;
 Best Local Similarity 66.7%; Pred. No. 11;
 Matches 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 321 KFHRVIIRNF 329

RESULT 37
 US-09-715-285-3
 ; Sequence 3, Application US/09715285
 ; Patent No. 6649395
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; APPLICANT: HONG, XIQIANG
 ; APPLICANT: MA, DONG
 ; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 ; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
 ; NUMBER OF SEQUENCES: 16

Query Match Score 40; DB 3; Length 527;
 Best Local Similarity 66.7%; Pred. No. 11;
 Matches 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9

CORRESPONDENCE ADDRESS:
 ADDRESSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/715,285
 FILING DATE: 17-NO. 6649395-2000
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/028,366
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 527 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-715-285-3

Query Match 81.6%; Score 40; DB 4; Length 527;
 Best Local Similarity 66.7%; Pred. No. 11;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 321 KFHRVIKDF 329

RESULT 38
 US-08-145-995A-3
 Sequence 3, Application US/08145995A
 ; Patent No. 5482850

GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ATTORNEY/AGENT INFORMATION:
 PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESS: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-3

Query Match 79.6%; Score 39; DB 1; Length 176;
 Best Local Similarity 87.5%; Pred. No. 6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
 Db 64 FHRVIKDF 71

RESULT 39
 US-08-451-747-3
 Sequence 3, Application US/08451747
 ; Patent No. 5821107

GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ATTORNEY/AGENT INFORMATION:
 PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-3

Query Match 79.6%; Score 39; DB 2; Length 176;
 Best Local Similarity 87.5%; Pred. No. 6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRV1KDF 9
 Db 64 FHRV1KNF 71

RESULT 40
 US-09-134-852-3
 Sequence 3, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PAGE, ANTONY
 ADDRESS: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-3

Query Match 79.6%; Score 39; DB 3; Length 176;
 Best Local Similarity 87.5%; Pred. No. 6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRV1KDF 9
 Db 64 FHRV1KNF 71

Search completed: May 31, 2005, 12:32:02
 Job time : 21.4286 secs

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run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
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title: perfect score: 49 US-09-720-469A-1

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1482099
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maximum DB seq length: 2000000000

post-processing: Minimum Match 0%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution
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ESTIMATES

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1	49	100.0	9	15	US-10-447-161-84		Sequence 84, Appl
2	49	100.0	9	16	US-10-788-016-1		Sequence 1, Appl
3	49	100.0	64	9	US-09-990-747-17		Sequence 17, Appl
4	49	100.0	203	13	US-10-043-142-10		Sequence 10, Appl
5	49	100.0	207	13	US-10-043-142-11		Sequence 11, Appl
6	49	100.0	208	13	US-10-043-142-12		Sequence 12, Appl
7	49	100.0	208	16	US-10-408-765A-2441		Sequence 2441, Ap
8	49	100.0	210	14	US-10-002-631C-82		Sequence 82, Appl
9	49	100.0	291	9	US-09-925-301-1323		Sequence 1323, Ap
10	49	100.0	291	15	US-10-264-049-2974		Sequence 2974, Ap
11	48	98.0	165	15	US-10-424-599-209631		Sequence 209631, Ap
12	48	98.0	166	14	US-10-028-072-8		Sequence 8, Appl
13	48	98.0	166	14	US-10-140-808-8		Sequence 8, Appl

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Query Match      100.0%; Score 49; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

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RESULT 2
US-10-788-016-1
; Sequence 1, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION.

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15	US-10-123-904-B	Sequence 8,	Appli	
16	US-10-140-470-B	Sequence 8,	Appli	
17	US-10-175-746-B	Sequence 8,	Appli	
18	US-10-176-918-B	Sequence 8,	Appli	
19	US-10-176-921-B	Sequence 8,	Appli	
20	US-10-137-865-B	Sequence 8,	Appli	
21	US-10-140-474-B	Sequence 8,	Appli	
22	US-10-142-431-B	Sequence 8,	Appli	
23	US-10-143-114-B	Sequence 8,	Appli	
24	US-10-142-419-B	Sequence 8,	Appli	
25	US-10-123-262-B	Sequence 8,	Appli	
26	US-10-142-423-B	Sequence 8,	Appli	
27	US-10-142-431-B	Sequence 8,	Appli	
28	US-10-141-755-B	Sequence 8,	Appli	
29	US-10-143-032-B	Sequence 8,	Appli	
30	US-10-123-108-B	Sequence 8,	Appli	
31	US-10-123-236-B	Sequence 8,	Appli	
32	US-10-123-261-B	Sequence 8,	Appli	
33	US-10-140-921-B	Sequence 8,	Appli	
34	US-10-140-928-B	Sequence 8,	Appli	
35	US-10-121-045-B	Sequence 8,	Appli	
36	US-10-123-292-B	Sequence 8,	Appli	
37	US-10-123-903-B	Sequence 8,	Appli	
38	US-10-124-819-B	Sequence 8,	Appli	
39	US-10-124-822-B	Sequence 8,	Appli	
40	US-10-140-925-B	Sequence 8,	Appli	
41	US-10-160-498-B	Sequence 8,	Appli	
42	US-10-124-824-B	Sequence 8,	Appli	
43	US-10-127-825A-B	Sequence 8,	Appli	
44	US-10-127-829A-B	Sequence 8,	Appli	
45	US-10-127-835A-B	Sequence 8,	Appli	

APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 31190-049
 CURRENT APPLICATION NUMBER: US/10/788, 016
 CURRENT FILING DATE: 2004-02-26
 PRIOR APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: JP P2001-260046
 PRIOR FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 1
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 84th residue
 OTHER INFORMATION: to the 92nd residue of cyclophilin B
 US-10-788-016-1

Query Match
 Best Local Similarity 100.0%; Score 49; DB 16; Length 9;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 17
 LENGTH: 64
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-990-747-17

RESULT 3
 US-09-990-747-17
 Sequence 17, Application US/09990747
 Publication No. US20020081688A1
 GENERAL INFORMATION:
 APPLICANT: Kamb et al.
 TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
 FILE REFERENCE: 29345/36934A
 CURRENT FILING DATE: 2001-11-16
 PRIOR APPLICATION NUMBER: US/09/990, 747
 PRIOR FILING DATE: 2001-11-16
 PRIOR APPLICATION NUMBER: US 60/249, 468
 PRIOR FILING DATE: 2000-11-17
 PRIOR FILING DATE: 1997-03-04
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 17
 LENGTH: 64
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-990-747-17

Query Match
 Best Local Similarity 100.0%; Score 49; DB 9; Length 64;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 US-10-043-142-10
 Sequence 10, Application US/10043142
 Publication No. US20020150969A1
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M. F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043, 142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806, 399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: Orpinomyces sp.
 US-10-043-142-10

Query Match
 Best Local Similarity 100.0%; Score 49; DB 13; Length 203;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-043-142-11

RESULT 5
 US-10-043-142-11
 Sequence 11, Application US/10043142
 Publication No. US20020150969A1
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M. F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043, 142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806, 399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-043-142-11

Query Match
 Best Local Similarity 100.0%; Score 49; DB 13; Length 207;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 12
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-043-142-12

RESULT 6
 US-10-043-142-12
 Sequence 12, Application US/10043142
 Publication No. US20020150969A1
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M. F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043, 142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806, 399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match      100.0%;   Score 49;   DB 13;   Length 208;
Best Local Similarity 100.0%;   Pred. No. 0.21;
Matches 9;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;
Qy      1 KFHRVIKDF 9
Db      84 KFHRVIKDF 92

RESULT 7
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Boin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warrock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2441
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match      100.0%;   Score 49;   DB 16;   Length 208;
Best Local Similarity 100.0%;   Pred. No. 0.21;
Matches 9;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;
Qy      1 KFHRVIKDF 9
Db      84 KFHRVIKDF 92

RESULT 8
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 82
LENGTH: 210
TYPE: PRT
ORGANISM: Homo sapiens
US-10-002-631C-82

Query Match      100.0%;   Score 49;   DB 14;   Length 210;
Best Local Similarity 100.0%;   Pred. No. 0.21;
Qy      1 KFHRVIKDF 9

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Db 167 KFHRVTKDF 175

PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062817
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063329
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PRIOR FILING DATE: 1997-10-28
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PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086

RESULT 11
US-10-424-599-209631
Sequence 209631, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovacic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(532223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 209631
LENGTH: 165
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_31324C.1.pep
US-10-424-599-209631

Query Match 98.0%; Score 48; DB 15; Length 165;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVTKDF 9
Db 51 KFHRVTKDF 59

RESULT 12
US-10-028-072-8
Sequence 8, Application US/10028072
Publication No. US20030004311A1
GENERAL INFORMATION:
APPLICANT: Baker Kevin P.
APPLICANT: Beresini,Maureen
APPLICANT: DeForge,Laura
APPLICANT: Desnoyers,Luc
APPLICANT: Filvaroff,Ellen
APPLICANT: Gao,Wei-Qiang
APPLICANT: Gerritsen,Mary E.
APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
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PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 52 KFHRVIKDF 60

RESULT 13
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Collin K.
; APPLICANT: Wood, William
; APPLICANT: Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 52 KFHRVIKDF 60

RESULT 14

US-10-121-049-8
 Sequence 8, Application US/10121-049
 Publication No. US20030022239A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
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 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 15
 US-10-123-904-8
 Sequence 8, Application US/10123-904
 Publication No. US20030022328A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C154
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 17
 US-10-175-746-8
 Sequence 8, Application US/10175746
 Publication No. US20030027270A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C154
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8

APPLICANT: Sherwood, Steven
 Smith, Victoria
 Stewart, Timothy A.
 Tumas, Daniel
 Wattanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C353

CURRENT APPLICATION NUMBER: US/10/175,746

CURRENT FILING DATE: 2002-06-19

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-175-746-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 18
 US-10-176-918-8
 Sequence 8, Application US/10176918
 Publication No. US20030027275A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 Beresini, Maureen
 DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Goddard, Audrey
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Smith, Victoria
 Stewart, Timothy A.
 Tumas, Daniel
 Wattanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C382

CURRENT APPLICATION NUMBER: US/10/176,918

CURRENT FILING DATE: 2002-06-20

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-176-918-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 20
 US-10-137-865-8
 Sequence 8, Application US/10137865
 Publication No. US2003032155A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 Beresini, Maureen
 DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Goddard, Audrey
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Smith, Victoria
 Stewart, Timothy A.
 Tumas, Daniel
 Wattanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C154

CURRENT APPLICATION NUMBER: US/10/137,865

CURRENT FILING DATE: 2002-05-03

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 19
 US-10-176-921-8
 Sequence 8, Application US/10176921
 Publication No. US20030027276A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 Beresini, Maureen
 DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Goddard, Audrey
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Smith, Victoria
 Stewart, Timothy A.
 Tumas, Daniel
 Wattanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C288

CURRENT APPLICATION NUMBER: US/10/176,921

CURRENT FILING DATE: 2002-06-20

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO: 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-176-921-8

SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-137-865-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 21
 US-10-140-474-8
 Sequence 8, Application US/10140474
 Publication No. US2003003156A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C251

CURRENT APPLICATION NUMBER: US/10/142,431

CURRENT FILING DATE: 2002-05-10

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-431-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 23
 US-10-143-114-8
 Sequence 8, Application US/10143114
 Publication No. US20030036180A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C162

CURRENT APPLICATION NUMBER: US/10/140,474

CURRENT FILING DATE: 2002-05-06

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-474-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 22
 US-10-142-431-8
 Sequence 8, Application US/10142431
 Publication No. US20030036179A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C211

CURRENT APPLICATION NUMBER: US/10/143,114

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-143-114-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 24
 US-10-142-419-8
 Sequence 8, Application US/10142419
 Publication No. US20030044945A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanaabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C244
 CURRENT APPLICATION NUMBER: US/10/142,419
 CURRENT FILING DATE: 2002-05-10
 PRIOR Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-419-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 25
 US-10-123-262-8
 Sequence 8, Application US/10123262
 Publication No. US20030049816A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanaabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C249
 CURRENT APPLICATION NUMBER: US/10/142,423
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-419-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 26
 US-10-142-423-8
 Sequence 8, Application US/10142423
 Publication No. US20030049817A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanaabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C249
 CURRENT APPLICATION NUMBER: US/10/142,423
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-423-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRVIKDF 9
 Db 52 KFHRVIKDF 60

RESULT 27
 US-10-121-050-8
 Sequence 8, Application US/10121050
 Publication No. US2003004516A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanaabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C38
 CURRENT APPLICATION NUMBER: US/10/123,262
 CURRENT FILING DATE: 2002-04-15
 Prior Application removed - See File Wrapper or Palm

RESULT 29
 US-10-143-032-8
 Sequence 8, Application US/10143032
 Publication No. US20030059909A1
 GENERAL INFORMATION:
 | APPLICANT: Baker, Kevin P.
 | APPLICANT: Beresini, Maureen
 | APPLICANT: DeForge, Laura
 | APPLICANT: Desnoyers, Luc
 | APPLICANT: Filvaroff, Ellen
 | APPLICANT: Gao, Wei-Qiang
 | APPLICANT: Gerritsen, Mary E.
 | APPLICANT: Goddard, Audrey
 | APPLICANT: Godowski, Paul J.
 | APPLICANT: Gurney, Austin L.
 | APPLICANT: Sherwood, Steven
 | APPLICANT: Smith, Victoria
 | APPLICANT: Stewart, Timothy A.
 | APPLICANT: Tumas, Daniel
 | APPLICANT: Watanabe, Colin K
 | APPLICANT: Wood, William
 | APPLICANT: Zhang, Zemin
 | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 | FILE REFERENCE: P3330R1C20
 | CURRENT APPLICATION NUMBER: US/10/121,050
 | CURRENT FILING DATE: 2002-04-12
 | Prior Application removed - See File Wrapper or Palm
 | NUMBER OF SEQ ID NOS: 550
 | SEQ ID NO 8
 | LENGTH: 166
 | TYPE: PRT
 | ORGANISM: Homo Sapien
 | US-10-121-050-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 28
 US-10-141-755-8
 Sequence 8, Application US/10141755
 Publication No. US20030054517A1
 GENERAL INFORMATION:
 | APPLICANT: Baker, Kevin P.
 | APPLICANT: Beresini, Maureen
 | APPLICANT: DeForge, Laura
 | APPLICANT: Desnoyers, Luc
 | APPLICANT: Filvaroff, Ellen
 | APPLICANT: Gao, Wei-Qiang
 | APPLICANT: Gerritsen, Mary E.
 | APPLICANT: Goddard, Audrey
 | APPLICANT: Godowski, Paul J.
 | APPLICANT: Gurney, Austin L.
 | APPLICANT: Sherwood, Steven
 | APPLICANT: Smith, Victoria
 | APPLICANT: Stewart, Timothy A.
 | APPLICANT: Tumas, Daniel
 | APPLICANT: Watanabe, Colin K
 | APPLICANT: Wood, William
 | APPLICANT: Zhang, Zemin
 | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 | FILE REFERENCE: P3330R1C192
 | CURRENT APPLICATION NUMBER: US/10/141,755
 | CURRENT FILING DATE: 2002-05-08
 | Prior Application removed - See File Wrapper or Palm
 | NUMBER OF SEQ ID NOS: 550
 | SEQ ID NO 8
 | LENGTH: 166
 | TYPE: PRT
 | ORGANISM: Homo Sapien
 | US-10-141-755-8

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 30
 US-10-123-108-8
 Sequence 8, Application US/10123108
 Publication No. US20030068793A1
 GENERAL INFORMATION:
 | APPLICANT: Baker, Kevin P.
 | APPLICANT: Beresini, Maureen
 | APPLICANT: DeForge, Laura
 | APPLICANT: Desnoyers, Luc
 | APPLICANT: Filvaroff, Ellen
 | APPLICANT: Gao, Wei-Qiang
 | APPLICANT: Gerritsen, Mary E.
 | APPLICANT: Goddard, Audrey
 | APPLICANT: Godowski, Paul J.
 | APPLICANT: Gurney, Austin L.
 | APPLICANT: Sherwood, Steven
 | APPLICANT: Smith, Victoria
 | APPLICANT: Stewart, Timothy A.
 | APPLICANT: Tumas, Daniel
 | APPLICANT: Watanabe, Colin K
 | APPLICANT: Wood, William
 | APPLICANT: Zhang, Zemin
 | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 | FILE REFERENCE: P3330R1C36
 | CURRENT APPLICATION NUMBER: US/10/123,108
 | CURRENT FILING DATE: 2002-04-15

PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059152
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063350
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212

Prior Application Number: 60/088741 Query Match 98.0%; Score 48; DB 14; Length 166;
 Prior Filing Date: 1998-06-10 Best Local Similarity 88.9%; Pred. No. 0.25;
 Prior Application Number: 60/088810 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Prior Filing Date: 1998-06-10
 Prior Application Number: 60/088858 Qy 1 KFHRVIKDF 9
 Prior Filing Date: 1998-06-11 Db 52 KFHRVIKDF 60
 Prior Application Number: 60/089532 RESULT 32
 Prior Filing Date: 1998-06-17 US-10-123-261-8
 Prior Application Number: 60/089599 ; Sequence 8, Application US/10123261
 Prior Filing Date: 1998-06-17 ; Publication No. US20030068796A1
 Prior Application Number: 60/089907 ; GENERAL INFORMATION:
 Prior Filing Date: 1998-06-18 ; APPLICANT: Baker, Kevin P.
 Prior Application Number: 60/089947 Beresini, Maureen
 Prior Filing Date: 1998-06-19 ; APPLICANT: DeForge, Laura
 Prior Application Number: 60/090349 Desnoyers, Luc
 Prior Filing Date: 1998-06-23 ; APPLICANT: Filvaroff, Ellen
 Prior Application Number: 60/090429 Gao, Wei-Qiang
 Prior Filing Date: 1998-06-24 ; APPLICANT: Gerritsen, Mary E.
 Prior Application Number: 60/090445 Goddard, Audrey
 Prior Filing Date: 1998-06-24 Godowski, Paul J.
 Prior Application Number: 60/090538 ; APPLICANT: Gurney, Austin L.
 Prior Filing Date: 1998-06-24 ; APPLICANT: Sherwood, Steven
 Prior Application Number: 60/090863 ; APPLICANT: Smith, Victoria
 Prior Filing Date: 1998-06-26 ; APPLICANT: Stewart, Timothy A.
 Prior Application Number: 60/091360 ; APPLICANT: Tumas, Daniel
 Prior Filing Date: 1998-07-01 Watanabe, Colin K
 Prior Application Number: 60/091519 ; APPLICANT: Wood, William
 Prior Filing Date: 1998-07-02 ; APPLICANT: Zhang, Zemin
 Prior Application Number: 60/091982 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C42
 ; CURRENT APPLICATION NUMBER: US/10/123-261
 ; CURRENT FILING DATE: 2002-04-15
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-123-261-8
 ; Sequence 8, Application US/10123236
 ; Publication No. US20030068795A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C33
 ; CURRENT APPLICATION NUMBER: US/10/123-236
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-140-921-8
 ; Sequence 8, Application US/10140921
 ; Publication No. US20030068797A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C33
 ; CURRENT APPLICATION NUMBER: US/10/123-236
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-123-236-8

RESULT 34
US-10-140-928-8
; Sequence 8, Application US/10140928
; Publication No. US20030068798A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C175
CURRENT APPLICATION NUMBER: US/10/140,921
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-921-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 35
US-10-121-045-8
; Sequence 8, Application US/10140928
; Publication No. US20030073210A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C186
CURRENT APPLICATION NUMBER: US/10/140,928
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-928-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 36
US-10-123-292-8
; Sequence 8, Application US/10123292
; Publication No. US20030073211A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C186
CURRENT APPLICATION NUMBER: US/10/123,292
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-045-8
; Sequence 8, Application US/10121045
; Publication No. US20030073210A1

US-10-123-292-8
 Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien

RESULT 37
 US-10-123-903-8
 Sequence 8, Application US/10123903
 Publication No. US20030073212A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hershko, Steven
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C51
 CURRENT APPLICATION NUMBER: US/10/123,903
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien

RESULT 38
 US-10-124-819-8
 Sequence 8, Application US/10124819
 Publication No. US20030073213A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C64
 CURRENT APPLICATION NUMBER: US/10/124,822
 CURRENT FILING DATE: 2002-04-17
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien

Query Match 98.0%; Score 48; DB 14; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.25;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien

RESULT 40
 US-10-140-925-8
 Sequence 8, Application US/10140925
 Publication No. US20030073214A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.

; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filivaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C187
CURRENT APPLICATION NUMBER: US/10/140,925
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: FRT
ORGANISM: Homo Sapien
US-10-140-925-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRVIKDF 9
Db ||||:|||||
52 KFHRVIKDF 60

Search completed: May 31, 2005, 12:39:23
Job time : 45.2857 SECs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
 (without alignments)
 32.887 Million cell updates/sec

Title: US-09-720-469A-2
 Perfect score: 50
 Sequence: 1 DFM1QGGDF 9

Scoring table: BIOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing First 45 summaries

Database : Issued_Patents_AA:
 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:
 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:
 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:
 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	50	100.0	114	4 US-09-270-767-32732	Sequence 32732, A
2	50	100.0	114	4 US-09-270-767-47949	Sequence 47949, A
3	50	100.0	126	2 US-08-482-728A-10	Sequence 10, App1
4	50	100.0	166	4 US-09-513-999C-4171	Sequence 4171, App1
5	50	100.0	184	4 US-09-949-016-7506	Sequence 7506, App1
6	50	100.0	203	4 US-10-043-142-10	Sequence 10, App1
7	50	100.0	203	4 US-09-806-399-10	Sequence 10, App1
8	50	100.0	207	4 US-10-043-142-11	Sequence 11, App1
9	50	100.0	207	4 US-09-806-399-11	Sequence 11, App1
10	50	100.0	208	1 US-08-142-897-7	Sequence 7, App1
11	50	100.0	208	4 US-10-043-142-12	Sequence 12, App1
12	50	100.0	208	4 US-09-806-399-12	Sequence 12, App1
13	50	100.0	208	4 US-09-538-092-994	Sequence 994, App1
14	50	100.0	212	1 US-08-142-897-5	Sequence 5, App1
15	50	100.0	212	4 US-10-043-142-5	Sequence 5, App1
16	50	100.0	212	4 US-09-806-399-5	Sequence 5, App1
17	49	98.0	754	4 US-09-976-594-375	Sequence 375, App1
18	49	98.0	760	4 US-09-949-016-11129	Sequence 11129, A
19	48	96.0	126	2 US-08-482-728A-16	Sequence 16, App1
20	48	96.0	162	1 US-08-142-897-9	Sequence 9, App1
21	48	96.0	162	1 US-08-145-995A-14	Sequence 14, App1
22	48	96.0	162	2 US-08-451-747-14	Sequence 14, App1
23	48	96.0	162	3 US-09-134-852-14	Sequence 14, App1
24	45	90.0	134	2 US-08-482-728A-14	Sequence 14, App1
25	45	90.0	176	1 US-08-145-995A-3	Sequence 3, App1
26	45	90.0	176	1 US-08-145-995A-4	Sequence 4, App1
27	45	90.0	176	2 US-08-451-747-3	Sequence 3, App1

RESULT 1	US-09-270-767-32732	; Sequence 32732, Application US/09270767
	Patent No. 6703491	
GENERAL INFORMATION:		
APPLICANT: Homburger et al.		
TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i>		
FILE REFERENCE: File Reference: 7326-094		
CURRENT APPLICATION NUMBER: US/09/270,767		
CURRENT FILING DATE: 1999-03-17		
NUMBER OF SEQ ID NOS: 62517		
SOFTWARE: PatentIn Ver. 2.0		
SEQ ID NO 32732		
LENGTH: 114		
TYPE: PRT		
ORGANISM: <i>Drosophila melanogaster</i>		
FEATURE:		
OTHER INFORMATION: Xaa means any amino acid		
US-09-270-767-32732		
Query Match	100.0%	Score 50; DB 4;
Best Local Similarity	100.0%	Length 114;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
RESULT 2	US-09-270-767-47949	; Sequence 47949, Application US/09270767
	Patent No. 6703491	
GENERAL INFORMATION:		
APPLICANT: Homburger et al.		
TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i>		
FILE REFERENCE: File Reference: 7326-094		
CURRENT APPLICATION NUMBER: US/09/270,767		
CURRENT FILING DATE: 1999-03-17		
NUMBER OF SEQ ID NOS: 62517		
SOFTWARE: PatentIn Ver. 2.0		
SEQ ID NO 47949		
LENGTH: 114		
TYPE: PRT		
ORGANISM: <i>Drosophila melanogaster</i>		
FEATURE:		
OTHER INFORMATION: Xaa means any amino acid		
US-09-270-767-47949		
Query Match	100.0%	Score 50; DB 4; Length 114;

Best Local Similarity 100.0%; Pred. No. 0.099; Mismatches 0; Indels 0; Gaps 0;

Match No. 59688022

GENERAL INFORMATION:

APPLICANT: Wang, Bruce
ADDRESS: Four Embarcadero Center, Suite 3400, San Francisco, California, United States ZIP: 94111-4187

COMPUTER READABLE FORM:

COMPUTER TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein

US-08-482-728A-10

Query Match 100.0%; Score 50; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.11; Mismatches 0; Indels 0; Gaps 0;

RESULT 3

US-08-482-728A-10

Sequence 10, Application US/08482728A

Patent No. 59688022

GENERAL INFORMATION:

APPLICANT: Fisher, Joseph
ADDRESS: Flehr, Honbach, Test, Albritton & Herbert, Four Embarcadero Center, Suite 3400, San Francisco, California, United States ZIP: 94111-4187

COMPUTER READABLE FORM:

COMPUTER TYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein

US-09-513-999C-4171

Query Match 100.0%; Score 50; DB 4; Length 166;
Best Local Similarity 100.0%; Pred. No. 0.15; Mismatches 0; Indels 0; Gaps 0;

RESULT 4

US-09-513-999C-4171

Sequence 4171, Application US/09513999C

Patent No. 6783961

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.
ADDRESS: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C

Query Match 100.0%; Score 50; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 0.16; Mismatches 0; Indels 0; Gaps 0;

RESULT 5

US-09-949-016-7506

Sequence 7506, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: Venter, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 7506

Length: 184

TYPE: PRT

ORGANISM: Human

US-09-949-016-7506

Query Match 100.0%; Score 50; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 0.16; Mismatches 0; Indels 0; Gaps 0;

RESULT 6

US-10-043-142-10

Sequence 10, Application US/10043142

Patent No. 6607904

GENERAL INFORMATION:

APPLICANT: DERKX, PATRICK M.F.

Query Match 100.0%; Score 50; DB 9; Length 86;

Db 78 DFM1QGGDF 86

APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: Orpinomyces sp.
 US-10-043-142-10

Query Match 100.0%; Score 50; DB 4; Length 203;
 Best Local Similarity 100.0%; Pred. No. 0.18;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 85 DFMICGGDF 93

RESULT 7
 US-09-806-399-10
 ; Sequence 10, Application US/09806399
 ; Patent No. 6638737
 ; GENERAL INFORMATION:
 ; APPLICANT: DERICK, PATRICK M.F.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/09/806,399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn ver. 2.1
 ; SEQ ID NO: 11
 ; LENGTH: 207
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-806-399-11

Query Match 100.0%; Score 50; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 90 DFMICGGDF 98

RESULT 8
 US-10-043-142-11
 ; Sequence 11, Application US/10043142
 ; Patent No. 6607904
 ; GENERAL INFORMATION:
 ; APPLICANT: DERICK, PATRICK M.F.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/10/043,142
 ; CURRENT FILING DATE: 2002-01-14
 ; PRIOR APPLICATION NUMBER: 09/806,399
 ; PRIOR FILING DATE: 2002-03-30

PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 11
 ; LENGTH: 207
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-043-142-11

Query Match 100.0%; Score 50; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 90 DFMICGGDF 98

RESULT 9
 US-09-806-399-11
 ; Sequence 11, Application US/09806399
 ; Patent No. 6638737
 ; GENERAL INFORMATION:
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/09/806,399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn ver. 2.1
 ; SEQ ID NO: 11
 ; LENGTH: 207
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-806-399-11

Query Match 100.0%; Score 50; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 90 DFMICGGDF 98

RESULT 10
 US-08-142-897-7
 ; Sequence 7, Application US/08142897
 ; Patent No. 5447852
 ; GENERAL INFORMATION:
 ; APPLICANT: Friedman, Jeffrey S.
 ; APPLICANT: Weissman, Irving L.
 ; TITLE OF INVENTION: NO. 5447852e1 Cyclophilins, Associating Proteins
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Tracy J. Dunn
 ; STREET: One Market Plaza,
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94105
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005,917
 FILING DATE: 15-JAN-1993
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 208 amino acids
 STRANDEDNESS: Single
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-7

Query Match 100.0%; Score 50; DB 1; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 RESULT 11
 US-10-043-142-12
 ; Sequence 12, Application US/10043142
 ; Patent No. 6607904
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M.F.
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR APPLICATION NUMBER: 09/806,399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-806-399-12

Query Match 100.0%; Score 50; DB 4; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 RESULT 12
 US-09-806-399-12

Query Match 100.0%; Score 50; DB 4; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 RESULT 13
 US-09-538-092-994

Query Match 100.0%; Score 50; DB 4; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 RESULT 14
 US-08-142-897-5
 ; Sequence 5, Application US/08142897
 ; Patent No. 5447852
 ; GENERAL INFORMATION:
 ; APPLICANT: Friedman, Jeffrey S.
 ; APPLICANT: Weissman, Irving L.

TITLE OF INVENTION: NO. 5447852el Cyclophilins, Associating Proteins

TITLE OF INVENTION: and Uses
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tracy J. Dunn
 STREET: One Market Plaza, Stewart Tower, Suite 2000
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94105

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142, 897
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005, 917
 FILING DATE: 15-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/740, 375
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34, 587
 FILING DATE: 05-AUG-1991
 PRIORITY/DOCKET NUMBER: 5490R-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:
 LENGTH: 212 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-5

Query Match 100.0%; Score 50; DB 1; Length 212;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 50; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFM1QGGDF 9
 Db 93 DFM1QGGDF 101

RESULT 15 US-10-043-142-5
 ; Sequence 5, Application US/10043142
 ; Patent No. 6607904
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M.F.
 ; ATTICLANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/09/806, 399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 212
 ; TYPE: PRT
 ; ORGANISM: Aspergillus niger
 US-09-806-399-5

Query Match 100.0%; Score 50; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFM1QGGDF 9
 Db 90 DFM1QGGDF 98

RESULT 16 US-09-806-399-5
 ; Sequence 5, Application US/09806399
 ; Patent No. 6638737
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M.F.
 ; ATTICLANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/09/806, 399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 212
 ; TYPE: PRT
 ; ORGANISM: Aspergillus niger
 US-09-806-399-5

Query Match 100.0%; Score 50; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 0.19;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFM1QGGDF 9
 Db 90 DFM1QGGDF 98

RESULT 17 US-09-976-594-375
 ; Sequence 375, Application US/09976594
 ; Patent No. 6673549
 ; GENERAL INFORMATION:
 ; APPLICANT: Furness, Michael
 ; ATTICLANT: Buchbinder, Jenny
 ; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
 ; FILE REFERENCE: PA-0041 US
 ; CURRENT APPLICATION NUMBER: US/09/976, 594
 ; CURRENT FILING DATE: 2001-10-12
 ; PRIOR APPLICATION NUMBER: 60/240, 409
 ; PRIOR FILING DATE: 2000-10-12
 ; NUMBER OF SEQ ID NOS: 1143
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 375
 ; LENGTH: 754
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
 US-09-976-594-375

Query Match 98.0%; Score 49; DB 4; Length 754;
 Best Local Similarity 88.9%; Pred. No. 1.1;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFM1QGGDF 9
 Db 71 DFM1QGGDF 79

RESULT 18
US-09-949-016-11129
Sequence 11129, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al. IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11129
LENGTH: 760
TYPE: PRT
ORGANISM: Human
US-09-949-016-11129

Query Match 98.0%; Score 49; DB 4; Length 760;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 77 DFMVQGGDF 85

RESULT 19
US-08-482-728A-16
Sequence 16, Application US/08482728A
Patent No. 5968802

GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Honbach, Test, Albritton
ADDRESS: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:

Query Match 96.0%; Score 48; DB 1; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 57 DFMLQGGDF 65

RESULT 21
US-08-145-995A-14
Sequence 14, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
ATTENDEE: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145, 995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTENDEE/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-14

Query Match 96.0%; Score 48; DB 1; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 57 DFM1QGGDF 65

RESULT 22
US-08-451-747-14
Sequence 14, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
ATTENDEE: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134, 852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145, 995
FILING DATE: 29-OCT-1993
ATTENDEE/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440

TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 14:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-14

Query Match 96.0%; Score 48; DB 3; Length 162;
 Best Local Similarity 88.9%; Pred. No. 0.32;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 57 DFMICGGDF 65

RESULT 24

US-08-482-728A-14
 Sequence 14, Application US/08482728A

GENERAL INFORMATION:

APPLICANT: Wang, Bruce
 APPLICANT: Fisher, Joseph
 APPLICANT: Payan, Donald
 TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Flehr, Hohbach, Test, Albritton
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:

LENGTH: 134 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

Query Match 90.0%; Score 45; DB 2; Length 134;
 Best Local Similarity 88.9%; Pred. No. 0.89;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 50 NFMICGGDF 58

US-08-145-995A-3
 Sequence 3, Application US/08145995A
 Patent No. 5482850

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:

ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-145-995A-3
 Query Match 90.0%; Score 45; DB 1; Length 176;
 Best Local Similarity 88.9%; Pred. No. 1.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 70 NFMICGGDF 78

RESULT 26
 US-08-145-995A-4
 Sequence 4, Application US/08145995A
 Patent No. 5482850

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:

ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEXFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-4

SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-4

Query Match 90.0%; Score 45; DB 1; Length 176;
 Best Local Similarity 88.9%; Pred. No. 1.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
 Db :|||||||
 70 NFMIQGGDF 78

RESULT 27
 US-08-451-747-3
 Sequence 3, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ATTORNEY/AGENT INFORMATION:
 PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451, 747
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEX: (508) 927-1705
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-4

Query Match 90.0%; Score 45; DB 2; Length 176;
 Best Local Similarity 88.9%; Pred. No. 1.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
 Db :|||||||
 70 NFMIQGGDF 78

RESULT 29
 US-09-134-852-3

Sequence 3, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 ADDRESSEE: CUSHMAN, CLOTILDE K.S.
 APPLICANT: PAGE, ANTHONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-4

Query Match 90.0%; Score 45; DB 3; Length 176;
 Best Local Similarity 88.9%; Pred. No. 1.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 70 NFM1QGGDF 78

RESULT 31
 US-09-028-366-6
 Sequence 6, Application US/09028366
 Patent No. 6150501
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: HONG, XIQIANG
 APPLICANT: MA, DONG
 TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 CYCLOPHILIN AND RELATED METHODS
 TITLE OF INVENTION:
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/028,366
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054

Query Match 90.0%; Score 45; DB 3; Length 176;
 Best Local Similarity 88.9%; Pred. No. 1.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 70 NFM1QGGDF 78

RESULT 30
 US-09-134-852-4
 Sequence 4, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 ADDRESSEE: CUSHMAN, CLOTILDE K.S.
 APPLICANT: PAGE, ANTHONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:

TELEFAX: 978-927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 269 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-028-366-6

Query Match 90.0%; Score 45; DB 3; Length 269;
 Best Local Similarity 88.9%; Pred. No. 1.9;
 Matches 8; Conservative 1; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 DFMICQGGDF 9
 Db 70 NFMICQGGDF 78

RESULT 32
 US-09-715-285-6
 ; Sequence 6, Application US/09715285
 ; Patent No. 6649395
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 HONG, XIQIANG
 MA, DONG

TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 CYCLOPHILIN AND RELATED METHODS

NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/715,285
 FILING DATE: 17-No. 6649395-2000
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/028,366
 FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 269 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-715-285-6

Query Match 90.0%; Score 45; DB 4; Length 269;
 Best Local Similarity 88.9%; Pred. No. 1.9;
 Matches 8; Conservative 1; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 DFMICQGGDF 9

Db 70 NFMICQGGDF 78

RESULT 33
 US-09-248-796A-19586
 Sequence 19586, Application US/09248796A
 Patent No. 6747137
 GENERAL INFORMATION:
 APPLICANT: Keith Weinstock et al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
 FILE REFERENCE: 107196-132
 CURRENT APPLICATION NUMBER: US/09/248,796A
 CURRENT FILING DATE: 1999-02-12
 PRIOR APPLICATION NUMBER: US 60/074,725
 PRIOR FILING DATE: 1998-02-13
 PRIOR APPLICATION NUMBER: US 60/096,409
 PRIOR FILING DATE: 1998-08-13
 NUMBER OF SEQ ID NOS: 28208
 SEQ ID NO 19586
 LENGTH: 407
 TYPE: PRT
 ORGANISM: Candida albicans
 US-09-248-796A-19586

Query Match 90.0%; Score 45; DB 4; Length 407;
 Best Local Similarity 88.9%; Pred. No. 2.9;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DFMICQGGDF 9
 Db 105 DFMICQGGDF 113

RESULT 34
 US-08-145-995A-21
 Sequence 21, Application US/08145995A
 Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICATION: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-134-852-21

RESULT 35

US-08-451-747-21
 Sequence 21, Application US/08451747
 ; Patent No. 5821107

GENERAL INFORMATION:
 ADDRESSEE: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-451-747-21

Query Match 90.0%; Score 45; DB 1; Length 591;
 Best Local Similarity 88.9%; Pred. No. 4.3;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
 :|||||||
 Db 72 NFMIQGGDF 80

RESULT 37

US-09-538-092-1043
 ; Sequence 1043, Application US/09538092
 ; Patent No. 6753314

GENERAL INFORMATION:
 ADDRESSEE: Giot, Loic
 APPLICANT: Mansfield, Traci A.
 TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 FILE REFERENCE: 15966-542

CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CuraPatSeqFormatter Version 0.9
 SEQ ID NO 1043
 LENGTH: 1462
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:

RESULT 36

US-09-134-852-21
 ; Sequence 21, Application US/09134852
 ; Patent No. 6127148

NAME/KEY: misc_feature
 LOCATION: (0) ..(0)
 OTHER INFORMATION: Polypeptide Accession Number P30414
 US-09-538-092-1043

Query Match 90.0%; Score 45; DB 4; Length 1462;
 Best Local Similarity 88.9%; Pred. No. 11;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGDF 9
 Db 70 NFM1QGDF 78

RESULT 38
 US-09-513-999C-8064
 Sequence 8064, Application US/09513999C
 Patent No. 6783961
 GENERAL INFORMATION:
 APPLICANT: Dumais Milne Edwards, J.B.
 ATTORNEY: Duclert, A.
 PRIORITY: Giordano, J.Y.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 Patent No. 6783961
 FILE REFERENCE: 59 US2 REG
 CURRENT APPLICATION NUMBER: US/09/513,999C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SOFTWARE: Patent .pm
 SEQ ID NO: 8064
 LENGTH: 113
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 36
 OTHER INFORMATION: Xaa=Cys or Ser
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 51
 OTHER INFORMATION: Xaa=Pro or Thr
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 108
 OTHER INFORMATION: Xaa=Leu or Met or Val
 US-09-513-999C-8064

Query Match 88.0%; Score 44; DB 4; Length 113;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGDF 8
 Db 59 DFM1QGDF 66

RESULT 39
 US-09-107-532A-6729
 Sequence 6729, Application US/09107532A
 Patent No. 6583275
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA

ZIP: 02354 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinille, Pamela Denike
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 6729:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 124 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...124
 SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
 US-09-107-532A-6729

Query Match 88.0%; Score 44; DB 4; Length 124;
 Best Local Similarity 100.0%; Pred. No. 1.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGDF 8
 Db 70 DFM1QGDF 77

RESULT 40
 US-08-482-728A-11
 Sequence 11, Application US/08482728A
 Patent No. 5968802
 GENERAL INFORMATION:
 APPLICANT: Wang, Bruce
 ATTORNEY: Fisher, Joseph
 APPLICANT: Payan, Donald
 TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton
 ADDRESSEE: & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 88.0%; Score 44; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFMICGGD 8
| | | |||
Db 42 DFMICGGD 49

Search completed: May 31, 2005, 12:32:03
Job time : 21.4286 secs

APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 3190-49
 CURRENT APPLICATION NUMBER: US/10/788,016
 CURRENT FILING DATE: 2004-02-26
 PRIOR APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: JP P2001-260046
 PRIOR FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 2
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue to the 99th residue of cyclophilin B
 US-10-788-016-2

Query Match Score 50; DB 16; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 1 DFMICGGDF 9

RESULT 3
 US-09-990-747-17
 ; Sequence 17, Application US/09990747
 ; Publication No. US20020081688A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kamb et al.
 ; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
 ; FILE REFERENCE: 29345/36934A
 ; CURRENT APPLICATION NUMBER: US/09/990,747
 ; PRIORITY FILING DATE: 2001-11-16
 ; PRIOR APPLICATION NUMBER: US 60/249,468
 ; PRIOR FILING DATE: 1997-03-04
 ; NUMBER OF SEQ ID NOS: 35
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 17
 ; LENGTH: 64
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-990-747-17

Query Match Score 50; DB 9; Length 64;
 Best Local Similarity 100.0%; Pred. No. 0.083;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 31 DFMICGGDF 39

RESULT 4
 US-10-965-898-50
 ; Sequence 50, Application US/10965898
 ; Publication No. US20050084936A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lal, Preeti
 ; Bandman, Olga
 ; Hillman, Jennifer L.
 ; Au-Young, Janice
 ; Tang, Y. Tom
 ; Yue, Henry
 ; Shah, Purvi
 ; Guegler, Karl J.

Query Match Score 50; DB 17; Length 177;
 Best Local Similarity 100.0%; Pred. No. 0.23;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 71 DFMICGGDF 79

RESULT 5
 US-09-925-300-1279
 ; Sequence 1279, Application US/09925300
 ; Patent No. US20020151681A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Steve Ruben
 ; FILE REFERENCE: PA101
 ; CURRENT APPLICATION NUMBER: US/09/925,300
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05938
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1890
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 1279
 ; LENGTH: 183
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-925-300-1279

Query Match 100.0%; Score 50; DB 9; Length 183;
 Best Local Similarity 100.0%; Pred. No. 0.24;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 77 DFM1QGGDF 85

RESULT 6
 US-10-264-049-3135
 ; Sequence 3135, Application US/10264049
 ; Publication No. US2004005579A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Birse et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PA133P1
 ; CURRENT APPLICATION NUMBER: US/10/264,049
 ; CURRENT FILING DATE: 2002-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/18569
 ; PRIOR FILING DATE: 2001-06-07
 ; PRIOR APPLICATION NUMBER: US 6/209,467
 ; LENGTH: 193
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; NUMBER OF SEQ ID NOS: 4360
 ; SOFTWARE: PatentIn Ver. 3.1
 ; SEQ ID NO 3135
 ; PRIOR FILING DATE: 2000-06-07
 ; LENGTH: 193
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-264-049-3135

Query Match 100.0%; Score 50; DB 15; Length 193;
 Best Local Similarity 100.0%; Pred. No. 0.26;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 87 DFM1QGGDF 95

RESULT 7
 US-10-767-701-39552
 ; Sequence 39552, Application US/10767701
 ; Publication No. US20040172684A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
 ; FILE REFERENCE: 38-21(53535)B
 ; CURRENT APPLICATION NUMBER: US/10/767,701
 ; CURRENT FILING DATE: 2004-01-29
 ; NUMBER OF SEQ ID NOS: 63128
 ; SEQ ID NO 39552
 ; LENGTH: 201
 ; TYPE: PRT
 ; ORGANISM: Sorghum bicolor
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23029_1.pep
 ; US-10-767-701-39552

Query Match 100.0%; Score 50; DB 16; Length 201;
 Best Local Similarity 100.0%; Pred. No. 0.27;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 94 DFM1QGGDF 102

RESULT 8
 US-10-043-142-10

Query Match 100.0%; Score 50; DB 10; Length 205;
 Best Local Similarity 100.0%; Pred. No. 0.27;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 84 DFM1QGGDF 92

RESULT 10
 US-10-043-142-11
 ; Sequence 11, Application US/10043142
 ; Publication No. US20020150969A1
 ; GENERAL INFORMATION:

APPLICANT: DERKX, PATRICK M.F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus

Query Match 100.0%; Score 50; DB 13; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.27;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGDF 9
 Db 90 DFMICQGDF 98

RESULT 11
 US-10-043-142-12
 ; Sequence 12, Application US/10043142
 ; Publication No. US20020150969A1
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M.F.
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/10/043,142
 ; CURRENT FILING DATE: 2002-01-14
 ; PRIOR APPLICATION NUMBER: 09/806,399
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; SEQ ID NO 11
 ; LENGTH: 207
 ; TYPE: PRT
 ; ORGANISM: Mus musculus

Query Match 100.0%; Score 50; DB 13; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.28;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGDF 9
 Db 91 DFMICQGDF 99

RESULT 12
 US-10-048-765A-2441
 ; Sequence 2441, Application US/10408765A
 ; Publication No. US20040101874A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ghosh, Soumitra S.
 ; APPLICANT: Fahy, Eoin D.
 ; APPLICANT: Zhang, Bing
 ; APPLICANT: Gibson, Bradford W.
 ; APPLICANT: Taylor, Steven W.

Query Match 100.0%; Score 50; DB 16; Length 208;
 Best Local Similarity 100.0%; Pred. No. 0.28;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGDF 9
 Db 91 DFMICQGDF 99

RESULT 13
 US-10-002-631C-82
 ; Sequence 82, Application US/10002631C
 ; Publication No. US20030157486A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Graff, Jonathan M.
 ; APPLICANT: Muenster, Matthew
 ; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
 ; FILE REFERENCE: A34943 090495-0243
 ; CURRENT APPLICATION NUMBER: US/10/002,631C
 ; CURRENT FILING DATE: 2001-10-31
 ; PRIOR APPLICATION NUMBER: 60/300,309
 ; PRIOR FILING DATE: 2001-06-21
 ; NUMBER OF SEQ ID NOS: 324
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 82
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; SEQ ID NO 81
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; SEQ ID NO 80
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; SEQ ID NO 79
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; SEQ ID NO 78
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 ; ORGANISM: Homo sapiens
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 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens

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; SEQ ID NO 5 ; FEATURE: ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1368_1.pep
; LENGTH: 212 ; TYPE: PRT ; ORGANISM: Aspergillus niger US-10-043-142-5

Query Match Score 50; DB 13; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFM1QGGDF 9
Db 90 DFM1QGGDF 98

RESULT 17 US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_222527C.1.pep
US-10-437-963-119297

Query Match Score 50; DB 16; Length 250;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFM1QGGDF 9
Db 140 DFM1QGGDF 148

RESULT 18 US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J.
; APPLICANT: Kovacic David K.
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_222527C.1.pep
US-10-437-963-119297

Query Match Score 50; DB 15; Length 251;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFM1QGGDF 9
Db 141 DFM1QGGDF 149

RESULT 19 US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J.
; APPLICANT: Kovacic David K.
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_222527C.1.pep
US-10-437-963-119297

Query Match Score 50; DB 16; Length 227;
Best Local Similarity 100.0%; Pred. No. 0.3;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFM1QGGDF 9
Db 132 DFM1QGGDF 140

RESULT 20 US-10-767-701-45224
; Sequence 45224, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 45224
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135244C.1.pep
US-10-767-701-45224

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Best Local Similarity 100.0%; Pred. No. 0.33; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep

Db 144 DFM1QGGDF 152

RESULT 19 US-10-425-114-43590 Sequence 43590, Application US/10425114 Publication No. US20040034888A1 GENERAL INFORMATION: APPLICANT: Liu, Jingdong

APPLICANT: Zhou, Yihua

APPLICANT: Kovacic, David K.

APPLICANT: Screen, Steven E.

APPLICANT: Tabaska, Jack E.

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53313)B CURRENT APPLICATION NUMBER: US/10/425,114 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 73128 SEQ ID NO 38247 LENGTH: 256 TYPE: PRT ORGANISM: Zea mays FEATURE: OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pep US-10-425-114-38247

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 43590 LENGTH: 252 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: 700764581_FLI.pep US-10-425-114-43590

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.33; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 43590 LENGTH: 252 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pep US-10-425-114-38247

Db 147 DFM1QGGDF 155

RESULT 20 US-10-424-599-181874 Sequence 181874, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION: APPLICANT: La Rosa Thomas J

APPLICANT: Kovacic David K

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53223)B CURRENT APPLICATION NUMBER: US/10/424,599 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 285684 SEQ ID NO 214442 LENGTH: 260 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep US-10-424-599-214442

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.35; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep US-10-424-599-181874

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep

Db 144 DFM1QGGDF 152

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep

Db 144 DFM1QGGDF 152

RESULT 21 US-10-425-114-38247 Sequence 38247, Application US/10425114 Publication No. US20040034888A1 GENERAL INFORMATION: APPLICANT: Liu, Jingdong

APPLICANT: Zhou, Yihua

APPLICANT: Kovacic, David K.

APPLICANT: Screen, Steven E.

APPLICANT: Tabaska, Jack E.

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53313)B CURRENT APPLICATION NUMBER: US/10/425,114 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 73128 SEQ ID NO 38247 LENGTH: 256 TYPE: PRT ORGANISM: Zea mays FEATURE: OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pep US-10-425-114-38247

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.34; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 43590 LENGTH: 252 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: 700764581_FLI.pep US-10-425-114-38247

Db 147 DFM1QGGDF 155

RESULT 22 US-10-424-599-214442 Sequence 214442, Application US/10424599 Publication No. US20040031072A1 GENERAL INFORMATION: APPLICANT: La Rosa Thomas J

APPLICANT: Kovacic David K

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(53223)B CURRENT APPLICATION NUMBER: US/10/424,599 CURRENT FILING DATE: 2003-04-28 NUMBER OF SEQ ID NOS: 285684 SEQ ID NO 214442 LENGTH: 260 TYPE: PRT ORGANISM: Glycine max FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep US-10-424-599-214442

Query Match 1 DFM1QGGDF 9 Best Local Similarity 100.0%; Pred. No. 0.35; Mismatches 0; Indels 0; Gaps 0; SEQ ID NO: 181874 LENGTH: 253 OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep

Db 150 DFM1QGGDF 158

RESULT 23 US-09-925-301-1323 Sequence 1323, Application US/09925301 Patent No. US200522308A1 GENERAL INFORMATION: APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1323
LENGTH: 291
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (30)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (57)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match Score 50; DB 9; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.39;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 174 DFM1QGGDF 182

RESULT 24
US-10-264-049-2974
Sequence 2974, Application US/10264049
Publication No. US20040005579A1
GENERAL INFORMATION:
APPLICANT: Birse et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA133P1
CURRENT APPLICATION NUMBER: US/10/264,049.
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: PCT/US01/18569
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR FILING DATE: 2000-06-07
NUMBER OF SEQ ID NOS: 4360
SOFTWARE: PatentIn Ver. 3.1
SEQ ID NO 2974
LENGTH: 291
TYPE: PRT
ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match Score 50; DB 15; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.39;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 174 DFM1QGGDF 182

RESULT 25
US-10-466-164-63
Sequence 63, Application US/10466164
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; PANZER, Scott R.;
LINCOLN, Stephen E.; ALTUS, Christina M.;
DUFOUR, Gerard E.; JACKSON, Jennifer L.;
JONES, Anissa L.; DAM, Tam C.;
LIU, Tommy F.; HARRIS, Bernard;
NUMBER OF SEQ ID NOS: 488

APPLICANT: FLORES, Vincent Z.; DAFFO, Abel;
APPLICANT: MARWAHA, Rakesh; CHEN, Alice J.;
APPLICANT: CHANG, Simon C.; GERSTIN, Jr., Edward H.;
APPLICANT: PERALTA, Careyna H.; DAVID, Marie H.;
APPLICANT: LEWIS, Samantha A.
TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
FILE REFERENCE: PT-1215 PCT
CURRENT APPLICATION NUMBER: US/10/466,164
CURRENT FILING DATE: 2003-07-11
PRIOR APPLICATION NUMBER: PCT/US02/01008
PRIOR FILING DATE: 2002-01-09
PRIOR APPLICATION NUMBER: US 60/261,865
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: US 60/263,065
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/263,329
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/262,209
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/262,208
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/262,326
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/263,063
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/262,326
PRIOR FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PERL Program
SEQ ID NO 63
LENGTH: 136
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20040058365A1 LI:1072276.1.orf1:2001JAN12
US-10-466-164-63

Query Match Score 98.0%; Score 49; DB 15; Length 136;
Best Local Similarity 88.9%; Pred. No. 0.27;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
Db 41 DFMVQGGDF 49

RESULT 26
US-10-153-668-254
Sequence 254, Application US/10153668
Publication No. US20030092616A1
GENERAL INFORMATION:
APPLICANT: HONDA, Goichi
APPLICANT: MATSUDA, Akio
APPLICANT: MURAMATSU, Shuji
APPLICANT: ISHIZAWA, Kenya
TITLE OF INVENTION: STAT6 Activating Gene
FILE REFERENCE: 1254-0207P
CURRENT APPLICATION NUMBER: US 60/153,668
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/316,031
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: US 60/328,403
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 60/293,172
PRIOR FILING DATE: 2002-05-24
PRIOR APPLICATION NUMBER: US 60/316,031
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: JP 2001-157043
PRIOR FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: JP 2001-260681
PRIOR FILING DATE: 2001-10-10
PRIOR APPLICATION NUMBER: JP 2001-313175
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 488

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 254
 LENGTH: 754
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-153-668-254

Query Match 98.0%; Score 49; DB 14; Length 754;
 Best Local Similarity 88.9%; Pred. No. 1.6;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 71 DFMVQGGDF 79

RESULT 27
 US-10-424-599-236857
 Sequence 236857, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 ATTORNEY: Kovalic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21 (53221) B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO 118919
 LENGTH: 203

TYPE: PRT
 ORGANISM: Oryza sativa
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pep

US-10-424-599-236857
 OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep

Query Match 96.0%; Score 48; DB 15; Length 211;
 Best Local Similarity 88.9%; Pred. No. 0.65;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 100 DFMLQGGDF 108

RESULT 28
 US-10-788-016-9
 Sequence 9, Application US/10788016
 Publication No. US20040141992A1
 GENERAL INFORMATION:
 APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 3190-049
 CURRENT APPLICATION NUMBER: US/10/788,016
 CURRENT FILING DATE: 2004-02-26
 PRIOR APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: JP P2001-260046
 PRIOR FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 9
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Designed peptide based on the peptide consisting of 9 amino acid residues from the 91st residue to the 99th residue of cyclophilin B

US-10-437-963-118919
 Sequence 118919, Application US/10437963
 Publication No. US20040123343A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovalic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21 (53221) B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO 118919
 LENGTH: 203

TYPE: PRT
 ORGANISM: Oryza sativa
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pep

US-10-437-963-118919
 OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pep

Query Match 94.0%; Score 47; DB 16; Length 203;
 Best Local Similarity 88.9%; Pred. No. 0.96;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDF 9
 Db 96 DFMIQGGDY 104

RESULT 30
 US-10-072-012-839
 Sequence 839, Application US/10072012
 Publication No. US20040033493A1
 GENERAL INFORMATION:
 APPLICANT: Tchernev, Velizar
 APPLICANT: Spytek, Kimberly
 APPLICANT: Zerhusen, Bryan
 APPLICANT: Patturajan, Meera
 APPLICANT: Shimkets, Richard
 APPLICANT: Li, Li
 APPLICANT: Gangolli, Esha
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Anderson, David W.
 APPLICANT: Rastelli, Luca
 APPLICANT: Miller, Charles E.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Taupier Jr., Raymond J.
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Colman, Steven D.
 APPLICANT: Wolenc, Adam R.
 APPLICANT: Pena, Carol E. A.
 APPLICANT: Furtak, Katarzyna
 APPLICANT: Gross, William M.
 APPLICANT: Alsobrook II, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.

APPLICANT: Burgess, Catherine E.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-258

CURRENT APPLICATION NUMBER: US/10/072,012

CURRENT FILING DATE: 2002-01-31

PRIOR APPLICATION NUMBER: 60/265,102

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: 60/265,514

PRIOR FILING DATE: 2001-01-31

PRIOR APPLICATION NUMBER: 60/265,517

PRIOR FILING DATE: 2001-01-31

PRIOR APPLICATION NUMBER: 60/265,412

PRIOR FILING DATE: 2001-01-31

PRIOR APPLICATION NUMBER: 60/265,395

PRIOR FILING DATE: 2001-01-31

PRIOR APPLICATION NUMBER: 60/266,406

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: 60/266,767

PRIOR FILING DATE: 2001-02-05

PRIOR APPLICATION NUMBER: 60/267,057

PRIOR FILING DATE: 2001-02-07

PRIOR APPLICATION NUMBER: 60/266,975

PRIOR FILING DATE: 2001-02-07

PRIOR APPLICATION NUMBER: 60/267,459

PRIOR FILING DATE: 2001-02-08

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1391

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 839

LENGTH: 162

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Cyclophilin

OTHER INFORMATION: type peptidyl-prolyl cis-trans isomerase Consensus

OTHER INFORMATION: Sequence US-10-072-012-839

Query Match 90.0%; Score 45; DB 15; Length 162;
 Best Local Similarity 88.9%; Pred. No. 1.8;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 56 NFMICGGDF 64

RESULT 31

US-10-767-701-47260

Sequence 47260, Application US/10767701

Publication No. US20040172684A1

GENERAL INFORMATION:

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Title of Invention: Plants and Uses Thereof For Plant Improvement

FILE REFERENCE: 38-21(53535)B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT FILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128

SEQ ID NO: 47260

LENGTH: 171

TYPE: PRT

ORGANISM: Sorghum bicolor

FEATURE:

OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep

US-10-767-701-47260

Query Match 90.0%; Score 45; DB 16; Length 171;
 Best Local Similarity 88.9%; Pred. No. 1.9;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DEMIICGGDF 9
 Db 66 DFMICGGDF 74

RESULT 32

US-10-451-467A-548

Sequence 548, Application US/10451467A

Publication No. US20040161840A1

GENERAL INFORMATION:

APPLICANT: CONTRERAS, ROLAND HENRI

APPLICANT: EBERHARDT, INES

APPLICANT: LUYTEN, WALTER HERMAN MARIA LOUIS

APPLICANT: REEKMAN, RIEKA JOSEPHINA

TITLE OF INVENTION: BAX-RESPONSIVE GENES FOR DRUG TARGET IDENTIFICATION IN YEAST AND FUNGI

FILE REFERENCE: JAB-1667

CURRENT APPLICATION NUMBER: US/10/451,467A

CURRENT FILING DATE: 2003-06-19

PRIOR APPLICATION NUMBER: EP 00870318.3

PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: EP 01870002.1

PRIOR FILING DATE: 2001-01-04

PRIOR APPLICATION NUMBER: EP 01870003.9

PRIOR FILING DATE: 2001-01-09

NUMBER OF SEQ ID NOS: 732

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 548

LENGTH: 406

TYPE: PRT

ORGANISM: Candida albicans

US-10-451-467A-548

Query Match 90.0%; Score 45; DB 16; Length 406;
 Best Local Similarity 88.9%; Pred. No. 4.5;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DFMICGGDF 9
 Db 104 DFMICGGDF 112

RESULT 33

US-10-287-218-17

Sequence 17, Application US/10287218

Publication No. US20030198975A1

GENERAL INFORMATION:

APPLICANT: INCYTE GENOMICS, INC.

APPLICANT: AZIMZAI, Yalda; AU-YOUNG, Janice K.

APPLICANT: BATRA, Sajeet; BAUGHN, Mariah R.

APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.

APPLICANT: BUFFORD, Neil; DING, Li

APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.

APPLICANT: GANDHI, Amena R.; GIETZEN, Kimberly J.

APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.

APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.

APPLICANT: LEE, Soo Yean; LU, Dyring Aina M.

APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi

APPLICANT: REDDY, Roopa; SANJANWALA, Madhu, M.

APPLICANT: TANG, Y. Tom; WALIA, Narinder K.

APPLICANT: WANG, Yu-mei, E.; WARREN, Bridget A.

APPLICANT: XU, Yuming; YANG, Junming

APPLICANT: YAO, Monique G.; YUE, Henry

APPLICANT: ZEBARJADIAN, Yeganeh

TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH

FILE REFERENCE: PI-0417 USA

CURRENT APPLICATION NUMBER: US/10/287,218

CURRENT FILING DATE: 2002-10-31

PRIOR APPLICATION NUMBER: PCT/US02/11152

PRIOR FILING DATE: 2002-04-05

PRIOR APPLICATION NUMBER: US 60/349,705

PRIOR FILING DATE: 2002-01-15

PRIOR APPLICATION NUMBER: US 60/295,263

PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/295,340
 PRIOR FILING DATE: 2001-06-01
 PRIOR APPLICATION NUMBER: US 60/293,727
 PRIOR FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/291,846
 PRIOR FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: US 60/291,662
 PRIOR FILING DATE: 2001-05-16
 PRIOR APPLICATION NUMBER: US 60/287,228
 PRIOR FILING DATE: 2001-04-27
 PRIOR APPLICATION NUMBER: US 60/286,820
 PRIOR FILING DATE: 2001-04-26
 PRIOR APPLICATION NUMBER: US 60/283,294
 PRIOR FILING DATE: 2001-04-11
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 42
 SOFTWARE: PERL Program
 SEQ ID NO 17
 LENGTH: 1462
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. US20030198975A1 5734806CD1
 US-10-287-218-17

Query Match 90.0%; Score 45; DB 14; Length 1462;
 Best Local Similarity 88.9%; Pred. No. 17;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGDF 9
 Db 70 NFMIGGDF 78

RESULT 34
 US-10-408-765A-756
 Sequence 756, Application US/104 08765A
 Publication No. US20040101874A1
 GENERAL INFORMATION:
 APPLICANT: Ghosh, Soumitra S.
 APPLICANT: Fahy, Eoin D.
 APPLICANT: Zhang, Bing
 APPLICANT: Gibson, Bradford W.
 APPLICANT: Taylor, Steven W.
 APPLICANT: Glenn, Gary M.
 APPLICANT: Warrack, Dale E.
 TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 FILE REFERENCE: 660088.465
 CURRENT APPLICATION NUMBER: US/10/408,765A
 CURRENT FILING DATE: 2003-04-04
 NUMBER OF SEQ ID NOS: 3077
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 756
 LENGTH: 1462
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-408-765A-756

Query Match 90.0%; Score 45; DB 16; Length 1462;
 Best Local Similarity 88.9%; Pred. No. 17;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGDF 9
 Db 70 NFMIGGDF 78

RESULT 35
 US-10-474-291-17
 Sequence 17, Application US/10474291
 ; Sequence 17, Application US/10474291

Query Match 90.0%; Score 45; DB 16; Length 1462;
 Best Local Similarity 88.9%; Pred. No. 17;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGDF 9
 Db 70 NFMIGGDF 78

RESULT 36
 US-10-424-599-233196
 Sequence 233196, Application US/10424599
 Publication No. US2004031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J
 APPLICANT: Kovacic, David K
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO: 233196
LENGTH: 161
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_525C.1.pep
US-10-424-599-233196

Query Match 88.0%; Score 44; DB 15; Length 161;
Best Local Similarity 88.9%; Pred. No. 2.7;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy  1 DFM1QGGDF 9
    |||||  |||
Db  87 DFM1QAGDF 95

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RESULT 37
US-10-028-072-8
Sequence 8, Application US/10028072
Publication No. US2003004311A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeGeorge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zheng
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285

PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27

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; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360

Query Match          88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFM1QGGD 8
Db      59 DFM1QGGD 66

RESULT 38
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Beresini, Maureen
;   APPLICANT: DeForge, Laura
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Filvaroff, Ellen
;   APPLICANT: Gao, Wei-Qiang
;   APPLICANT: Gerritsen, Mary E.
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Sherwood, Steven
;   APPLICANT: Smith, Victoria
;   APPLICANT: Stewart, Timothy A.
;   APPLICANT: Tumas, Daniel
;   APPLICANT: Wattanabe, Colin K.
;   APPLICANT: Wood, William
;   APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEAR
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-808-8

Query Match          88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFM1QGGD 8
Db      59 DFM1QGGD 66

RESULT 39
US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US2003022239A1
; GENERAL INFORMATION:
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Beresini, Maureen
;   APPLICANT: DeForge, Laura
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Filvaroff, Ellen
;   APPLICANT: Gao, Wei-Qiang
;   APPLICANT: Gerritsen, Mary E.
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;
```

APPLICANT: Gurney,Austin L.
 APPLICANT: Sherwood,Steven
 APPLICANT: Smith,Victoria
 APPLICANT: Stewart,Timothy A.
 APPLICANT: Tumas,Daniel
 APPLICANT: Watanaabe,Colin K
 APPLICANT: Wood,William
 APPLICANT: Zhang,Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-8

Query Match 88.0%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFMICGGD 8
 | | | | | |
 Db 59 DFMICGGD 66

RESULT 40
 US-10-123-904-8
 ; Sequence 8, Application US/10123904
 ; Publication No. US20030022328A1
 GENERAL INFORMATION:
 ; APPLICANT: Baker,Kevin P.
 ; APPLICANT: Beresini,Maureen
 ; APPLICANT: DeForge,Laura
 ; APPLICANT: Desnoyers,Luc
 ; APPLICANT: Filvaroff,Ellen
 ; APPLICANT: Gao,Wei-Qiang
 ; APPLICANT: Gerritsen,Mary E.
 ; APPLICANT: Goddard,Audrey
 ; APPLICANT: Godowski,Paul J.
 ; APPLICANT: Gurney,Austin L.
 ; APPLICANT: Sherwood,Steven
 ; APPLICANT: Smith,Victoria
 ; APPLICANT: Stewart,Timothy A.
 ; APPLICANT: Tumas,Daniel
 ; APPLICANT: Watanaabe,Colin K
 ; APPLICANT: Wood,William
 ; APPLICANT: Zhang,Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C54
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-8

Query Match 88.0%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFMICGGD 8
 | | | | | |
 Db 59 DFMICGGD 66

BEST AVAILABLE COPY

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GenCore version 5.1.6
 Copyright (c) 1993 - 2005 Compugen Ltd.

Om protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
 (without alignments)
 32.887 Million cell updates/sec

Title: US-09-720-469A-40
 Perfect score: 51 DYMIGGDF 9
 Sequence:

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5
 Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_AA:
 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:
 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:
 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:
 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:
 Pred. No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	47	92.2	114	4	US-09-270-767-32732	Sequence 32732, A
2	47	92.2	114	4	US-09-270-767-47949	Sequence 47949, A
3	47	92.2	126	2	US-08-482-728A-10	Sequence 10, App1
4	47	92.2	166	4	US-09-513-999C-4171	Sequence 4171, App1
5	47	92.2	184	4	US-09-949-016-7506	Sequence 7506, App1
6	47	92.2	203	4	US-10-043-142-10	Sequence 10, App1
7	47	92.2	203	4	US-09-806-399-10	Sequence 10, App1
8	47	92.2	207	4	US-10-043-142-11	Sequence 11, App1
9	47	92.2	207	4	US-09-806-399-11	Sequence 11, App1
10	47	92.2	208	1	US-08-142-897-7	Sequence 7, App1
11	47	92.2	208	4	US-10-043-142-12	Sequence 12, App1
12	47	92.2	208	4	US-09-806-399-12	Sequence 994, App1
13	47	92.2	208	4	US-09-538-092-994	Sequence 5, App1
14	47	92.2	212	1	US-08-142-897-5	Sequence 5, App1
15	47	92.2	212	4	US-10-043-142-5	Sequence 5, App1
16	47	92.2	212	4	US-09-806-399-5	Sequence 5, App1
17	46	90.2	754	4	US-09-976-594-375	Sequence 375, App1
18	46	90.2	760	4	US-09-949-016-11129	Sequence 11129, A
19	45	88.2	126	2	US-08-482-728A-16	Sequence 16, App1
20	45	88.2	162	1	US-08-142-897-9	Sequence 9, App1
21	45	88.2	162	1	US-08-145-995A-14	Sequence 14, App1
22	45	88.2	162	2	US-08-451-747-14	Sequence 14, App1
23	45	88.2	162	3	US-09-134-852-14	Sequence 14, App1
24	42	82.4	134	2	US-08-482-728A-14	Sequence 14, App1
25	42	82.4	176	1	US-08-145-995A-3	Sequence 3, App1
26	42	82.4	176	1	US-08-145-995A-4	Sequence 4, App1
27	42	82.4	176	2	US-08-451-747-3	Sequence 3, App1

ALIGNMENTS

RESULT 1						
US-09-270-767-32732	; Sequence 32732, Application US/09270767	; Patent No. 6703491	; GENERAL INFORMATION:			
			; APPLICANT: Homburger et al.			
			; TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i>			
			; FILE REFERENCE: File Reference: 7326-094			
			; CURRENT APPLICATION NUMBER: US/09/270,767			
			; CURRENT FILING DATE: 1999-03-17			
			; NUMBER OF SEQ ID NOS: 62517			
			; SOFTWARE: PatentIn Ver. 2.0			
			; SEQ ID NO 32732			
			; LENGTH: 114			
			; TYPE: PRT			
			; ORGANISM: <i>Drosophila melanogaster</i>			
			; FEATURE:			
			; OTHER INFORMATION: Xaa means any amino acid			
			US-09-270-767-32732			
RESULT 2						
US-09-270-767-47949	; Sequence 47949, Application US/09270767	; Patent No. 6703491	; GENERAL INFORMATION:			
			; APPLICANT: Homburger et al.			
			; TITLE OF INVENTION: Nucleic acids and proteins of <i>Drosophila melanogaster</i>			
			; FILE REFERENCE: File Reference: 7326-094			
			; CURRENT APPLICATION NUMBER: US/09/270,767			
			; CURRENT FILING DATE: 1999-03-17			
			; NUMBER OF SEQ ID NOS: 62517			
			; SOFTWARE: PatentIn Ver. 2.0			
			; SEQ ID NO 47949			
			; LENGTH: 114			
			; TYPE: PRT			
			; ORGANISM: <i>Drosophila melanogaster</i>			
			; FEATURE:			
			; OTHER INFORMATION: Xaa means any amino acid			
			US-09-270-767-47949			
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		8;	Conservative	88.9%;	Pred. No. 0.19;	
		Matches	1;	Mismatches	0;	
				Indels	0;	
				Gaps	0;	

Best Local Similarity 88.9%; Pred. No. 0.19; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIOGGDF 9
Db 90 DFMIOGGDF 98

RESULT 3
US-08-482-728A-10
Sequence 10, Application US/08482728A
Patent No. 5968802

GENERAL INFORMATION:
 APPLICANT: Fisher, Joseph
 APPLICANT: Payan, Donald
 TITLE OF INVENTION: NO. 5968802e1 Nuclear Cyclophilin
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton
 ADDRESSEE: & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187

COMPUTER READABLE FORM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 126 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-482-728A-10

Query Match 92.2%; Score 47; DB 2; Length 126;
 Best Local Similarity 88.9%; Pred. No. 0.21; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIOGGDF 9
Db 42 DFMIOGGDF 50

RESULT 4
US-09-513-999C-4171
Sequence 4171, Application US/09513999C
Patent No. 6783961

GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Duciert, A.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 Patent No. 6783961
 FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT FILING DATE: 2000-02-24
 PRIORITY APPLICATION NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SOFTWARE: Patent-PM
 SEQ ID NO 4171
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: -33.-.-1
 OTHER INFORMATION: score 9.9
 OTHER INFORMATION: seq SVFFILLPGPSAA/DE
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 116
 OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 126
 OTHER INFORMATION: Xaa= * or Ser
 US-09-513-999C-4171

Query Match 92.2%; Score 47; DB 4; Length 166;
 Best Local Similarity 88.9%; Pred. No. 0.29; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIOGGDF 9
Db 99 DFMIOGGDF 107

RESULT 5
US-09-949-016-7506
Sequence 7506, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 7506
 LENGTH: 184
 TYPE: PRT
 ORGANISM: Human
 US-09-949-016-7506

Query Match 92.2%; Score 47; DB 4; Length 184;
 Best Local Similarity 88.9%; Pred. No. 0.32; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIOGGDF 9
Db 78 DFMIOGGDF 86

RESULT 6
US-10-043-142-10
Sequence 10, Application US/10043142
Patent No. 6607904

GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M.F.

APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: *Orpinomyces sp.*
 US-10-043-142-10

Query Match Score 92.2%; DB 4; Length 203;
 Best Local Similarity 88.9%; Pred. No. 0.36;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 RESULT 9
 US-09-806-399-11
 Sequence 11, Application US/09806399
 Patent No. 6638737
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M.F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 1998-09-30
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: *Mus musculus*
 US-09-806-399-11

Query Match Score 92.2%; DB 4; Length 207;
 Best Local Similarity 88.9%; Pred. No. 0.37;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 RESULT 10
 US-08-142-897-7
 Sequence 7, Application US/08142897
 Patent No. 5447852
 GENERAL INFORMATION:
 APPLICANT: Friedman, Jeffrey S.
 APPLICANT: Weissman, Irving L.
 TITLE OF INVENTION: No. 5447852e1 Cyclophilins, Associating Proteins
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tracy J. Dunn
 STREET: One Market Plaza, Stewart Tower, Suite 2000
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible

APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10043142
 CURRENT FILING DATE: 2002-01-14
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: *Mus musculus*
 US-10-043-142-11

Query Match Score 92.2%; DB 4; Length 203;
 Best Local Similarity 88.9%; Pred. No. 0.36;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 RESULT 8
 US-10-043-142-11
 Sequence 11, Application US/10043142
 Patent No. 6607904
 GENERAL INFORMATION:
 APPLICANT: DERKX, PATRICK M.F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30

```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,897
FILING DATE: CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/005,917
FILING DATE: 15-JAN-1993
PRIOR APPLICATION NUMBER: US 07/740,375
FILING DATE: 05-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Tracy D.
REGISTRATION NUMBER: 34,587
REFERENCE/DOCKET NUMBER: 5490A-92-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 208 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-142-897-7

Query Match
Best Local Similarity 88.9%; Score 47; DB 1; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 11
US-10-043-142-12
Sequence 12, Application US/10043142
Patent No. 6607904
GENERAL INFORMATION:
APPLICANT: DERIKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: PCT/IB99/01669
CURRENT FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-09-806-399-12

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 12
US-09-806-399-12
Sequence 12, Application US/09806399
Patent No. 6638737
GENERAL INFORMATION:
APPLICANT: DERIKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/09/806,399
CURRENT FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-09-806-399-12

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 13
US-09-538-092-994
Sequence 994, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO 994
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0) .(0)
OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 14
US-08-142-897-5
Sequence 5, Application US/08142897
Patent No. 5447852
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 15
US-09-806-399-12
Sequence 12, Application US/09806399
Patent No. 6638737
GENERAL INFORMATION:
APPLICANT: DERIKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: PCT/IB99/01669
CURRENT FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-09-806-399-12

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 16
US-09-538-092-994
Sequence 994, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO 994
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0) .(0)
OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 17
US-09-806-399-12
Sequence 12, Application US/09806399
Patent No. 6638737
GENERAL INFORMATION:
APPLICANT: DERIKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: PCT/IB99/01669
CURRENT FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-09-806-399-12

Query Match
Best Local Similarity 88.9%; Score 47; DB 4; Length 208;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
RESULT 18
US-09-538-092-994
Sequence 994, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO 994
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0) .(0)
OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

```

TITLE OF INVENTION: No. 5447852el Cyclophilin, Associating Proteins

TITLE OF INVENTION: and Uses

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: Tracy J. Dunn

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/142,897

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/005,917

FILING DATE: 15-JAN-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/740,375

FILING DATE: 05-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: Dunn, Tracy D.

REGISTRATION NUMBER: 34,587

REFERENCE/DOCKET NUMBER: 5490A-92-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 212 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-142-897-5

Query Match

Best Local Similarity 92.2%; Pred. No. 0.38;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 93 DFMIQGGDF 101

RESULT 15
US-10-043-142-5
| Sequence 5, Application US/10043142
| Patent No. 6607904
| GENERAL INFORMATION:
| APPLICANT: DERKX, PATRICK M. F.
| APPLICANT: MADRID, SUSAN M.
| TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
| FILE REFERENCE: 078883/0128
| CURRENT APPLICATION NUMBER: US/09/976,594
| CURRENT FILING DATE: 2001-10-12
| PRIOR APPLICATION NUMBER: 60/240,409
| PRIOR FILING DATE: 2000-10-12
| NUMBER OF SEQ ID NOS: 1143
| SOFTWARE: PERL Program
| SEQ ID NO 375
| LENGTH: 754
| TYPE: PRT
| ORGANISM: Homo sapiens
| FEATURE:
| NAME/KEY: misc feature
| OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1

Query Match

Best Local Similarity 90.2%; Pred. No. 2.4%;

Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 71 DFMVQGGDF 79

Query Match

Best Local Similarity 92.2%; Pred. No. 0.38;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 90 DFMIQGGDF 98

RESULT 16
US-09-806-399-5
| Sequence 5, Application US/09806399
| Patent No. 6638737
| GENERAL INFORMATION:
| APPLICANT: MADRID, SUSAN M.
| TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
| FILE REFERENCE: 078883/0128
| CURRENT APPLICATION NUMBER: US/09/806,399
| CURRENT FILING DATE: 2002-03-30
| PRIOR APPLICATION NUMBER: PCT/IB99/01669
| PRIOR FILING DATE: 1999-09-30
| PRIOR APPLICATION NUMBER: GB 9821198.0
| PRIOR FILING DATE: 1998-09-30
| NUMBER OF SEQ ID NOS: 12
| SOFTWARE: PatentIn Ver. 2.1
| SEQ ID NO 5
| LENGTH: 212
| TYPE: PRT
| ORGANISM: Aspergillus niger

Query Match

Best Local Similarity 92.2%; Pred. No. 0.38;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 90 DFMIQGGDF 98

Query Match

Best Local Similarity 92.2%; Pred. No. 0.38;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 90 DFMVQGGDF 79

Query Match

Best Local Similarity 90.2%; Pred. No. 2.4%;

Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9

Db 71 DFMVQGGDF 79

RESULT 18
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 11129
; TYPE: PRT
; ORGANISM: Human
; LENGTH: 760
; US-09-949-016-11129

Query Match 90.2%; Score 46; DB 4; Length 760;
Best Local Similarity 77.8%; Pred. No. 2.5;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGGDF 9
Db 77 DFMVQGGDF 85

RESULT 19
US-08-482-728A-16
; Sequence 16, Application US/08482728A
; Patent No. 5968802
GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: NO. 5968802e1 Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESS: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/482, 728A
; APPLICATION NUMBER: 5968802
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; TELEPHONE: (415) 781-1989
; TELEFAX: 910 277299
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:

Query Match 88.2%; Score 45; DB 1; Length 162;
Best Local Similarity 77.8%; Pred. No. 0.65;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGGDF 9
Db 57 DFMLQGGDF 65

RESULT 21
 US-08-145-995A-14
 Sequence 14, Application US/08145995A
 Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ATTORNEY: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-14

Query Match 88.2%; Score 45; DB 1; Length 162;
 Best Local Similarity 77.8%; Pred. No. 0.65;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGDF 9
 Db 57 DFMLQGGDF 65

RESULT 22
 US-08-451-747-14
 Sequence 14, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ATTORNEY: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451, 747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-14

Query Match 88.2%; Score 45; DB 2; Length 162;
 Best Local Similarity 77.8%; Pred. No. 0.65;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGDF 9
 Db 57 DFMLQGGDF 65

RESULT 23
 US-09-134-852-14
 Sequence 14, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: PAGE, CLOTILDE K.S.
 ATTORNEY: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134, 852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440

TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-14

Query Match 88.2%; Score 45; DB 3; Length 162;
 Best Local Similarity 77.8%; Pred. No. 0.65;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
 Db 57 DFMLQGGDF 65

RESULT 24

US-08-482-728A-14
 Sequence 14, Application US/08482728A

; GENERAL INFORMATION:

; APPLICANT: Wang, Bruce

; APPLICANT: Fisher, Joseph

; APPLICANT: Payan, Donald

; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin

; NUMBER OF SEQUENCES: 21

; CURRENT APPLICATION DATA:

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: RESNICK, DAVID S.

; REGISTRATION NUMBER: 34235

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 43406

; ATTORNEY/AGENT INFORMATION:

; NAME: Flehr, Hohbach, Test, Albritton

; REGISTRATION NUMBER: 523-3400

; TELEPHONE: (617) 523-6440

; TELEFAX: (617) 523-6440

; TELEX: 200291 STRE UR

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 176 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; US-08-145-995A-3

; CURRENT APPLICATION DATA:

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Silva, Robin M.

; REGISTRATION NUMBER: 38,304

; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 781-1989

; TELEFAX: (415) 398-3249

; TELEX: 910 277299

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 134 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; US-08-482-728A-14

US-08-145-995A-3

; Sequence 3, Application US/08145995A
 ; Patent No. 5482850

; GENERAL INFORMATION:

; APPLICANT: CARLOW, CLOTILDE K.S.

; APPLICANT: PAGE, ANTONY

; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

; TITLE OF INVENTION: COMPOUNDS

; NUMBER OF SEQUENCES: 21

; CURRENT APPLICATION DATA:

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: RESNICK, DAVID S.

; REGISTRATION NUMBER: 34235

; REFERENCE/DOCKET NUMBER: 43406

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 523-3400

; TELEFAX: (617) 523-6440

; TELEX: 200291 STRE UR

; INFORMATION FOR SEQ ID NO: 1,0

; SEQUENCE CHARACTERISTICS:

; LENGTH: 176 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; US-08-145-995A-3

RESULT 26

US-08-145-995A-4

; Sequence 4, Application US/08145995A
 ; Patent No. 5482850

; GENERAL INFORMATION:

; APPLICANT: CARLOW, CLOTILDE K.S.

; APPLICANT: PAGE, ANTONY

; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

; TITLE OF INVENTION: COMPOUNDS

; NUMBER OF SEQUENCES: 21

; CURRENT APPLICATION DATA:

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: RESNICK, DAVID S.

; REGISTRATION NUMBER: 34235

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 523-3400

; TELEFAX: (617) 523-6440

; TELEX: 200291 STRE UR

; INFORMATION FOR SEQ ID NO: 1,0

; SEQUENCE CHARACTERISTICS:

; LENGTH: 176 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; US-08-145-995A-3

RESULT 25

Query Match 82.4%; Score 42; DB 2; Length 134;
 Best Local Similarity 77.8%; Pred. No. 1.9;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
 Db 50 NFMIQGGDF 58

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-4

Query Match 82.4%; Score 42; DB 1; Length 176;
 Best Local Similarity 77.8%; Pred. No. 2.6;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DYM1QGGDF 9
 Db ::|||||
 70 NFM1QGGDF 78

RESULT 27
 US-08-451-747-3
 Sequence 3, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451, 747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705

TELEFAX: (508) 927-1705
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-4

Query Match 82.4%; Score 42; DB 2; Length 176;
 Best Local Similarity 77.8%; Pred. No. 2.6;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DYM1QGGDF 9
 Db ::|||||
 70 NFM1QGGDF 78

RESULT 29
 US-09-134-852-3

Sequence 3, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K. S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-4

Query Match 82.4%; Score 42; DB 3; Length 176;
 Best Local Similarity 77.8%; Pred. No. 2.6;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIIQGGDF 9
 Db ::|||||||
 70 NFMIIQGGDF 78

RESULT 31
 US-09-028-366-6
 ; Sequence 6, Application US/09028366
 ; Patent No. 6150501
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; APPLICANT: HONG, XIQIANG
 ; APPLICANT: MA, DONG
 ; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 ; NUMBER OF SEQUENCES: 16
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: New England Biolabs, Inc.
 ; STREET: 32 Tozer Road
 ; CITY: Beverly
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/028,366
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054

Correspondence Address:
 Addressee: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 Street: 130 WATER STREET
 City: BOSTON
 State: MASSACHUSETTS
 Country: USA
 Zip: 02109
 Computer Readable Form:

TELEFAX: 978-927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 269 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 US-09-028-366-6

Query Match Score 42; DB 3; Length 269;
 Best Local Similarity 77.8%; Pred. No. 4.2;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
 Db 70 NFMICQGGDF 78

RESULT 32
 US-09-715-285-6
 ; Sequence 6, Application US/09715285
 ; Patent No. 6649395
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 HONG, XIQIANG
 MA, DONG
 TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 CYCLOPHILIN AND RELATED METHODS
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: New England Biolabs, Inc.
 STREET: 32 Tozer Road
 CITY: Beverly
 STATE: MA
 COUNTRY: US
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/715,285
 FILING DATE: 17-No. 6649395-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/028,366
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Williams, Gregory D
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-133
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 978-927-5054
 TELEFAX: 978-927-1705
 TELEX: <Unknown>
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 269 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-715-285-6

Query Match Score 42; DB 4; Length 269;
 Best Local Similarity 77.8%; Pred. No. 4.2;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9

Db 70 NFMICQGGDF 78

RESULT 33
 US-09-248-796A-19586
 ; Sequence 19586, Application US/09248796A
 ; Patent No. 6747137
 GENERAL INFORMATION:
 APPLICANT: Keith Weinstock et al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
 TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196-132
 CURRENT APPLICATION NUMBER: US/09/248,796A
 CURRENT FILING DATE: 1999-02-12
 PRIORITY APPLICATION NUMBER: US 60/074,725
 PRIOR FILING DATE: 1998-02-13
 PRIORITY APPLICATION NUMBER: US 60/096,409
 PRIOR FILING DATE: 1998-08-13
 NUMBER OF SEQ ID NOS: 28208
 SEQ ID NO 19586
 LENGTH: 407
 TYPE: PRT
 ORGANISM: Candida albicans
 US-09-248-796A-19586

Query Match Score 42; DB 4; Length 407;
 Best Local Similarity 77.8%; Pred. No. 6.7;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
 Db 105 DFMICQGGDF 113

RESULT 34
 US-08-145-995A-21
 ; Sequence 21, Application US/08145995A
 ; Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-134-852-21

RESULT 35

US-08-451-747-211 ; Sequence 21, Application US/08451747
 ; Patent No. 5821107 ;
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESS: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 591 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-451-747-211

Query Match 82.4%; Score 42; DB 1; Length 591;
 Best Local Similarity 77.8%; Pred. No. 10;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGDF 9
 Db 72 NFMIQGGDF 80

RESULT 36

US-09-134-852-211 ; Sequence 21, Application US/09134852
 ; Patent No. 6127148 ;
 GENERAL INFORMATION:
 APPLICANT: CURAPATSEQFORMATTER
 TITLE OF INVENTION: Protein Complexes and Method of Using
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESS: CURAPATSEQFORMATTER
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: CurapatSeqFormatter Version 0.9
 CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CurapatSeqFormatter Version 0.9
 SEQ ID NO 1043
 LENGTH: 1462

TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:

; NAME/KEY: misc_feature
; LOCATION: (0) .:(0)
; OTHER INFORMATION: Polypeptide Accession Number P30414
US-09-538-092-1043

Query Match Score 42; DB 4; Length 1462;
Best Local Similarity 77.8%; Pred. No. 28;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGQGDF 9
Db 70 NPMIGQGDF 78

RESULT 38
US-09-513-999C-8064
; Sequence 8064, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,99C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 8064
; LENGTH: 113 .
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 36
; OTHER INFORMATION: Xaa=Cys or Ser
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 51
; OTHER INFORMATION: Xaa=Pro or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 108
; OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match Score 41; DB 4; Length 113;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGQGDF 8
Db 59 DFMIGQGDF 66

RESULT 39
US-09-107-532A-6729
; Sequence 6729, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA

Query Match Score 41; DB 4; Length 124;
Best Local Similarity 87.5%; Pred. No. 2.7;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGQGDF 8
Db 70 DFMIGQGDF 77

RESULT 40
US-08-482-728A-11
; Sequence 11, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESS: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 80.4%; Score 41; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 2.7;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 DYMIGGGD 8
| :||| |||
Db 42 DFMIQGGD 49

Search completed: May 31, 2005, 12:32:04
Job time : 21.4286 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds

(without alignments)
 70.107 Million cell updates/sec

Title: US-09-720-469A-40
 Perfect score: 51
 Sequence: 1 DYM1QGGDF 9

Scoring table: BLCSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications AA:*

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2: /cgn2_6/ptodata/2/pubpaas/PCT_NEW_PUB.pep:*

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12: /cgn2_6/ptodata/2/pubpaas/US09_NEW_PUB.pep:*

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18: /cgn2_6/ptodata/2/pubpaas/US11_NEW_PUB.pep:*

19: /cgn2_6/ptodata/2/pubpaas/US60_NEW_PUB.pep:*

20: /cgn2_6/ptodata/2/pubpaas/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	51	100.0	9	16	US-10-788-016-9
2	47	92.2	9	15	US-10-447-161-85
3	47	92.2	9	16	US-10-788-016-2
4	47	92.2	64	9	US-09-990-747-17
5	47	92.2	177	17	US-10-965-898-50
6	47	92.2	183	9	US-09-925-300-1279
7	47	92.2	193	15	US-10-264-049-3135
8	47	92.2	201	16	US-10-767-701-39552
9	47	92.2	203	13	US-10-043-142-10
10	47	92.2	205	10	US-09-949-029-76
11	47	92.2	207	13	US-10-043-142-11
12	47	92.2	208	13	US-10-043-142-12
13	47	92.2	208	16	US-10-408-765A-2441

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Query Match Score 51; DB 16; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Score 100.0%; DB 16; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGDF 9
 Db 1 DYM1QGGDF 9

RESULT 2

ALIGMENTS

RESULT 1

US-10-788-016-9
 Sequence 9, Application US/10788016
 Publication No. US20040141992A1
 GENERAL INFORMATION:
 APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 3190-049
 CURRENT APPLICATION NUMBER: US/10/788, 016
 CURRENT FILING DATE: 2004-02-26
 PRIOR APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: JP P2001-260046
 PRIOR FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 9
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:

OTHER INFORMATION: Designed peptide based on the peptide consisting of 9 amino acid residues from the 91st residue to the 99th residue of cyclophilin B

US-10-788-016-9

US-10-447-161-85
 Sequence 85, Application US/10447161
 Publication No. US20040023314A1
 GENERAL INFORMATION:
 APPLICANT: Wang, Rong-fu
 TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
 FILE REFERENCE: HO-P02484US1
 CURRENT APPLICATION NUMBER: US/10/447,161
 CURRENT FILING DATE: 2003-05-28
 PRIORITY FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 148
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 85
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic Peptide
 US-10-447-161-85

Query Match 92.2%; Score 47; DB 15; Length 9;
 Best Local Similarity 88.9%; Pred. No. 1.3e+06;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGGGDF 9
 Db 1 DFMIGGGDF 9

RESULT 3
 US-10-788-016-2
 Sequence 2, Application US/10788016
 Publication No. US20040141992A1
 GENERAL INFORMATION:
 APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 3190-049
 CURRENT APPLICATION NUMBER: US/10/788,016
 CURRENT FILING DATE: 2004-02-26
 PRIORITY APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIORITY FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 2
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue
 OTHER INFORMATION: to the 99th residue of cyclophilin B
 US-10-788-016-2

Query Match 92.2%; Score 47; DB 16; Length 9;
 Best Local Similarity 88.9%; Pred. No. 1.3e+06;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGGGDF 9
 Db 1 DFMIGGGDF 9

RESULT 4
 US-09-990-747-17
 Sequence 17, Application US/09990747
 Publication No. US20020081688A1
 GENERAL INFORMATION:
 APPLICANT: Kamb et al.
 TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
 FILE REFERENCE: 29345/36934A
 CURRENT APPLICATION NUMBER: US/09/990,747

CURRENT FILING DATE: 2001-11-16
 PRIORITY APPLICATION NUMBER: US 60/249,468
 PRIOR FILING DATE: 2000-11-17
 PRIORITY APPLICATION NUMBER: US 08/812,994
 PRIOR FILING DATE: 1997-03-04
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 17
 LENGTH: 64
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-990-747-17

Query Match 92.2%; Score 47; DB 9; Length 64;
 Best Local Similarity 88.9%; Pred. No. 0.35;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIGGGDF 9
 Db 31 DFMIGGGDF 39

RESULT 5
 US-10-965-898-50
 Sequence 50, Application US/10965898
 Publication No. US20050084936A1
 GENERAL INFORMATION:
 APPLICANT: Lal, Preeti
 Bandman, Olga
 Hillman, Jennifer L.
 Au-Young, Janice
 Tang, Y. Tom
 Yue, Henry
 Shah, Purvi
 Guegler, Karl J.
 Corley, Neil C.
 TITLE OF INVENTION: HUMAN REGULATORY PROTEINS
 NUMBER OF SEQUENCES: 150
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/965,898
 FILING DATE: 18-Oct-2004
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/001,403
 FILING DATE: 31-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: BILLINGS, LUCY J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0455 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 INFORMATION FOR SEQ ID NO: 50:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 177 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: DRGLNOT01
 CLONE: 2845223

SEQUENCE DESCRIPTION: SEQ ID NO: 50 :

US-10-965-898-50

Query Match 92.2%; Score 47; DB 17; Length 177;
Best Local Similarity 88.9%; Pred. No. 0.98;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
Db 71 DFMICGGDF 79

RESULT 6
US-09-925-300-1279
; Sequence 1279, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA101
; CURRENT APPLICATION NUMBER: US/09/925,300
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1890
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-925-300-1279

Query Match 92.2%; Score 47; DB 9; Length 183;
Best Local Similarity 88.9%; Pred. No. 1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
Db 77 DFMICGGDF 85

RESULT 7
US-10-264-049-3135
; Sequence 3135, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 3135
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-264-049-3135

Query Match 92.2%; Score 47; DB 15; Length 193;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
Db 87 DFMICGGDF 95

RESULT 8
US-10-767-701-39552
; Sequence 39552, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 39552
; LENGTH: 201
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23029_1.pep
US-10-767-701-39552

Query Match 92.2%; Score 47; DB 16; Length 201;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
Db 94 DFMICGGDF 102

RESULT 9
US-10-043-142-10
; Sequence 10, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERIKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.

US-10-043-142-10

Query Match 92.2%; Score 47; DB 13; Length 203;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMICGGDF 9
Db 85 DFMICGGDF 93

RESULT 10
US-09-949-029-76
; Sequence 76, Application US/09949029
; Publication No. US20030134278A1
; GENERAL INFORMATION:
; APPLICANT: Karpen, G.H.

```

APPLICANT: Dobie, K.W.
APPLICANT: Kennedy, C.D.
APPLICANT: Velasco, V.M.
APPLICANT: McGrath, T.L.
APPLICANT: Weko, J.
APPLICANT: Patterson, R.W.

TITLE OF INVENTION: Identification of chromosome inheritance modifiers in Drosophila
TITLE OF INVENTION: melanogaster
FILE REFERENCE: 1211_015US1
CURRENT APPLICATION NUMBER: US/09/949,029
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US 60/231,178
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 149
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 76
LENGTH: 205
TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-949-029-76

Query Match 92.2%; Score 47; DB 10; Length 205;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYM1QGGDF 9
|:||||||| 9
Db 84 DFM1QGGDF 92

RESULT 11
US-10-043-142-11
Sequence 11, Application US/10043142
Publication No. US20020150969A1
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043,142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806,399
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 11
LENGTH: 207
TYPE: PRT
ORGANISM: Mus musculus
US-10-043-142-11

Query Match 92.2%; Score 47; DB 13; Length 207;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYM1QGGDF 9
|:||||||| 9
Db 90 DFM1QGGDF 98

RESULT 12
US-10-043-142-12
Sequence 12, Application US/10043142
Publication No. US20020150969A1
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128

Query Match 92.2%; Score 47; DB 13; Length 207;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYM1QGGDF 9
|:||||||| 9
Db 90 DFM1QGGDF 98

RESULT 13
US-10-408-765A-2441
Sequence 2441, Application US/10408765A
Publication No. US20040101874A1
GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S.
APPLICANT: Fahy, Eoin D.
APPLICANT: Zhang, Bing
APPLICANT: Gibson, Bradford W.
APPLICANT: Taylor, Steven W.
APPLICANT: Glenn, Gary M.
APPLICANT: Warnock, Dale E.
TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
FILE REFERENCE: 660088-465
CURRENT APPLICATION NUMBER: US/10/408,765A
CURRENT FILING DATE: 2003-04-04
NUMBER OF SEQ ID NOS: 3077
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 2441
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match 92.2%; Score 47; DB 16; Length 208;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYM1QGGDF 9
|:||||||| 9
Db 91 DFM1QGGDF 99

RESULT 14
US-10-002-631C-82
Sequence 82, Application US/10002631C
Publication No. US20030157486A1
GENERAL INFORMATION:
APPLICANT: Graff, Jonathon M.
APPLICANT: Muenster, Matthew
TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
FILE REFERENCE: A34943 090495-0243
CURRENT APPLICATION NUMBER: US/10/002,631C
CURRENT FILING DATE: 2001-10-31
PRIOR APPLICATION NUMBER: 60/300,309
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 324

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; SOFTWARE: FastSEQ for windows version 4.0
; SEQ ID NO 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-002-631C-82

Query Match          92.2%;  Score 47;  DB 14;  Length 210;
Best Local Similarity 88.9%;  Pred. No. 1.2;
Matches 8;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 DYMICGGDF 9
Db      99 DFMICGGDF 107

RESULT 15
US-10-043-142-5
; Sequence 5, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERICK, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 98211198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
; US-10-043-142-5

Query Match          92.2%;  Score 47;  DB 13;  Length 212;
Best Local Similarity 88.9%;  Pred. No. 1.2;
Matches 8;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 DYMICGGDF 9
Db      90 DFMICGGDF 98

RESULT 16
US-10-437-963-182068
; Sequence 182068, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 182068
; LENGTH: 227
; TYPE: PRT
; ORGANISM: Oryza sativa
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22527C.1.pep

Query Match          92.2%;  Score 47;  DB 16;  Length 227;
Best Local Similarity 88.9%;  Pred. No. 1.3;
Matches 8;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 DYMICGGDF 9
Db      132 DFMICGGDF 140

RESULT 17
US-10-767-701-45224
; Sequence 45224, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53353)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 45224
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1368_1.pep
; US-10-767-701-45224

Query Match          92.2%;  Score 47;  DB 16;  Length 249;
Best Local Similarity 88.9%;  Pred. No. 1.4;
Matches 8;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0;
Qy      1 DYMICGGDF 9
Db      140 DFMICGGDF 148

RESULT 18
US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22527C.1.pep

```

US-10-437-963-119297

Query Match 92.2%; Score 47; DB 16; Length 250;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 143 DFMIQGGDF 151

RESULT 21
US-10-424-599-181874
; Sequence 181874, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223) B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181874
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep
US-10-424-599-181874

Query Match 92.2%; Score 47; DB 15; Length 253;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 143 DFMIQGGDF 151

Qy 1 DFMIQGGDF 9
Db 141 DFMIQGGDF 149

RESULT 19
US-10-424-599-181872
; Sequence 181872, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223) B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181872
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135244C.1.pep
US-10-424-599-181872

Query Match 92.2%; Score 47; DB 15; Length 251;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 143 DFMIQGGDF 151

Qy 1 DFMIQGGDF 9
Db 144 DFMIQGGDF 152

RESULT 22
US-10-425-114-38247
; Sequence 38247, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313) B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 38247
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pep
US-10-425-114-38247

Query Match 92.2%; Score 47; DB 15; Length 256;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
Db 147 DFMIQGGDF 155

RESULT 23
US-10-424-599-214442
; Sequence 214442, Application US/10424599
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313) B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 43590
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 700764581_FLI.pep
US-10-425-114-43590

Query Match 92.2%; Score 47; DB 15; Length 252;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYTQGGDF 9
Db 147 DMYTQGGDF 155

Publication No. US20040031072A1
 GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovacic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 214442
 ; LENGTH: 260
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep
 ; US-10-424-599-214442

Query Match 92.2%; Score 47; DB 15; Length 260;
 Best Local Similarity 88.9%; Pred. No. 1.4;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9
 Db 150 DEMIQGGDF 158

RESULT 24
 US-09-925-301-1323
 ; Sequence 1323, Application US/09925301
 ; Patent No. US20020052308A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA106
 ; CURRENT APPLICATION NUMBER: US/09/925,301
 ; PRIOR FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05882
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1694
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1323
 ; LENGTH: 291
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (30)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (57)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; US-09-925-301-1323

Query Match 92.2%; Score 47; DB 9; Length 291;
 Best Local Similarity 88.9%; Pred. No. 1.6;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9
 Db 174 DEMIQGGDF 182

RESULT 25
 US-10-264-049-2974
 ; Sequence 2974, Application US/10264049
 ; Publication No. US20040005579A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Birse et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PA133P1
 ; CURRENT APPLICATION NUMBER: US/10/264,049
 ; CURRENT FILING DATE: 2002-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/18569
 ; PRIOR FILING DATE: 2001-06-07
 ; PRIOR APPLICATION NUMBER: US 60/209,467
 ; PRIOR FILING DATE: 2000-06-07
 ; NUMBER OF SEQ ID NOS: 4360
 ; SOFTWARE: PatentIn Ver. 3.1
 ; SEQ ID NO 2974
 ; LENGTH: 291
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-264-049-2974

Query Match 92.2%; Score 47; DB 15; Length 291;
 Best Local Similarity 88.9%; Pred. No. 1.6;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DMYIQGGDF 9
 Db 174 DEMIQGGDF 182

RESULT 26
 US-10-466-164-63
 ; Sequence 63, Application US/10466164
 ; Publication No. US20040058365A1
 ; GENERAL INFORMATION:
 ; APPLICANT: INCYTE CORPORATION; PANZER, Scott R.;
 ; APPLICANT: LINCOLN, Stephen E.; ALTUS, Christina M.;
 ; APPLICANT: DUFOUR, Gerard E.; JACKSON, Jennifer L.;
 ; APPLICANT: JONES, Anissa L.; DAM, Tam C.;
 ; APPLICANT: LIU, Tommy F.; HARRIS, Bernard;
 ; APPLICANT: FLORES, Vincent Z.; DAFFO, Abel;
 ; APPLICANT: MARWAHA, Rakesh; CHEN, Alice J.;
 ; APPLICANT: CHANG, Simon C.; GERSTIN, Jr., Edward H.;
 ; APPLICANT: PERALTA, Careyna H.; DAVID, Marie H.;
 ; APPLICANT: LEWIS, Samantha A.
 ; TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
 ; FILE REFERENCE: PT-1215 PCT
 ; CURRENT APPLICATION NUMBER: US/10/466,164
 ; CURRENT FILING DATE: 2003-07-11
 ; PRIOR APPLICATION NUMBER: PCT/US02/01008
 ; PRIOR FILING DATE: 2002-01-09
 ; PRIOR APPLICATION NUMBER: US 60/261,865
 ; PRIOR FILING DATE: 2001-01-16
 ; PRIOR APPLICATION NUMBER: US 60/263,065
 ; PRIOR FILING DATE: 2001-01-19
 ; PRIOR APPLICATION NUMBER: US 60/263,329
 ; PRIOR FILING DATE: 2001-01-19
 ; PRIOR APPLICATION NUMBER: US 60/262,209
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: US 60/262,208
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: US 60/262,326
 ; PRIOR FILING DATE: 2001-01-17
 ; PRIOR APPLICATION NUMBER: US 60/263,063
 ; PRIOR FILING DATE: 2001-01-19
 ; PRIOR APPLICATION NUMBER: US 60/261,622
 ; PRIOR FILING DATE: 2001-01-12
 ; NUMBER OF SEQ ID NOS: 72
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 63
 ; LENGTH: 136
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Incyte ID No. US20040058365A1 LI:1072276.1.orf1:2001JAN12
 ; US-10-466-164-63

Query Match 90.2%; Score 46; DB 15; Length 136;
Best Local Similarity 77.8%; Pred. No. 1.1;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYNAMICQGDF 9
Db 41 DEMVQGGDF 49

RESULT 27

US-10-153-668-254
; Sequence 254, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: JP 2001-313175
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 488
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 254
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-153-668-254

Query Match 90.2%; Score 46; DB 14; Length 754;
Best Local Similarity 77.8%; Pred. No. 6.3;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYNAMICQGDF 9
Db 71 DEMVQGGDF 79

RESULT 28

US-10-424-599-236857
; Sequence 236857, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO: 236857
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep
; US-10-424-599-236857

Query Match 88.2%; Score 45; DB 15; Length 211;
Best Local Similarity 77.8%; Pred. No. 2.7;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYNAMICQGDF 9
Db 100 DFMLQGGDF 108

RESULT 29

US-10-437-963-118919
; Sequence 118919, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO: 118919
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pep
; US-10-437-963-118919

Query Match 86.3%; Score 44; DB 16; Length 203;
Best Local Similarity 77.8%; Pred. No. 4;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYNAMICQGDF 9
Db 96 DFMIQGGDY 104

RESULT 30

US-10-072-012-839
; Sequence 839, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Gross, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.

APPLICANT: Burgess, Catherine E. Proteins and Nucleic Acids Encoding Same
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-258
 CURRENT APPLICATION NUMBER: US/10/072,012
 CURRENT FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: 60/265,102
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: 60/265,514
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,517
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,412
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,395
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/266,406
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/266,767
 PRIOR FILING DATE: 2001-02-05
 PRIOR APPLICATION NUMBER: 60/267,057
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/266,975
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/267,459
 PRIOR FILING DATE: 2001-02-08
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 1391
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 839
 LENGTH: 162
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Cyclophilin
 OTHER INFORMATION: type peptidyl-prolyl cis-trans isomerase Consensus
 OTHER INFORMATION: Sequence
 US-10-072-012-839

Query Match 82.4%; Score 42; DB 15; Length 162;
 Best Local Similarity 77.8%; Pred. No. 7.4;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Query 1 DMYIQQGDF 9
 Db :||| 56 NFMIQGGDF 64

RESULT 31 US-10-767-701-47260

; Sequence 47260, Application US/10767701
 ; Publication No. US20040172684A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21(53535)B
 CURRENT APPLICATION NUMBER: US/10/767,701
 CURRENT FILING DATE: 2004-01-29
 NUMBER OF SEQ ID NOS: 63128

; SEQ ID NO: 47260
 LENGTH: 171

; TYPE: PRT

; ORGANISM: Sorghum bicolor

; FEATURE:
 OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep

US-10-767-701-47260

Query Match 82.4%; Score 42; DB 16; Length 171;
 Best Local Similarity 77.8%; Pred. No. 7.8;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DMYIQQGDF 9
 Db :||| 66 DFMQGGDF 74

RESULT 32 US-10-451-467A-548
 ; Sequence 548, Application US/10451467A
 ; Publication No. US20040161840A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CONTRERAS, ROLAND HENRI
 ; APPLICANT: EBERHARDT, INES
 ; APPLICANT: LUYTEN, WALTER HERMAN MARIA LOUIS
 ; APPLICANT: REEKMAN, RIEKA JOSEPHINA
 ; TITLE OF INVENTION: BAX-RESPONSIVE GENES FOR DRUG TARGET IDENTIFICATION IN
 ; YEAST AND FUNGI
 ; FILE REFERENCE: JAB-1667
 ; CURRENT APPLICATION NUMBER: US/10/451,467A
 ; CURRENT FILING DATE: 2003-06-19
 ; PRIOR APPLICATION NUMBER: EP 00870318.3
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: EP 01870002.1
 ; PRIOR FILING DATE: 2001-01-04
 ; PRIOR APPLICATION NUMBER: EP 01870003.9
 ; PRIOR FILING DATE: 2001-01-09
 ; NUMBER OF SEQ ID NOS: 732
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO: 548
 ; LENGTH: 406
 ; TYPE: PRT
 ; ORGANISM: Candida albicans
 ; FILE REFERENCE: US-10-451-467A-548

Query Match 82.4%; Score 42; DB 16; Length 406;
 Best Local Similarity 77.8%; Pred. No. 18;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DMYIQQGDF 9
 Db :||| 104 DFMQGGDF 112

RESULT 33 US-10-287-218-17
 ; Sequence 17, Application US/10287218
 ; Publication No. US20030198975A1
 ; GENERAL INFORMATION:
 ; APPLICANT: INCYTE GENOMICS, INC.
 ; APPLICANT: AZIMZAI, Yalda; AU-YOUNG, Janice K.
 ; APPLICANT: BATRA, Sajeet; BAUGHN, Mariah R.
 ; APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.
 ; APPLICANT: BUFORD, Neil; DING, Li
 ; APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.
 ; APPLICANT: GANDHI, Ameena R.; GIETZEN, Kimberly J.
 ; APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.
 ; APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.
 ; APPLICANT: LEE, Soo Yean; LU, Dyring Aina M.
 ; APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalakshmi
 ; APPLICANT: REDDY, Roopa; SANJANWALA, Madhu, M.
 ; APPLICANT: TANG, Y. Tom; WALIA, Narinder K.
 ; APPLICANT: WANG, Yu-mei, E.; WARREN, Bridget A.
 ; APPLICANT: XU, Yuming; YANG, Junming
 ; APPLICANT: YAO, Monique G.; YUE, Henry
 ; APPLICANT: ZEBARJADIAN, Yeganeh
 ; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
 ; FILE REFERENCE: PI-0417 USA
 ; CURRENT APPLICATION NUMBER: US/10/287,218
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIOR APPLICATION NUMBER: PCT/US02/11152
 ; PRIOR FILING DATE: 2002-04-05
 ; PRIOR APPLICATION NUMBER: US 60/349,705
 ; PRIOR FILING DATE: 2002-01-15
 ; PRIOR APPLICATION NUMBER: US 60/295,263

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; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/295,340
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/293,727
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/291,846
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/291,662
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: US 60/287,228
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/286,820
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/283,294
; PRIOR FILING DATE: 2001-04-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO: 17
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030198975A1 5734806CD1
; US-10-287-218-17

Query Match          82.4%; Score 42; DB 14; Length 1462;
Best Local Similarity 77.8%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0

Qy      1 DYMIGGGDF 9
       ::|||||||
Db     70 NFMIQGGDF 78

RESULT 34
US-10-408-765A-756
; Sequence 756, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 756
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-756

Query Match          82.4%; Score 42; DB 16; Length 1462;
Best Local Similarity 77.8%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0

Qy      1 DYMIGGGDF 9
       ::|||||||
Db     70 NFMIQGGDF 78

RESULT 35
US-10-474-291-17
; Sequence 17, Application US/10474291

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TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: FILE REFERENCE: 38-21153223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 233196
LENGTH: 161
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_525C.1.pep
US-10-424-599-233196

Query Match Score 41; DB 15; Length 161;
Best Local Similarity 77.8%; Pred. No. 11;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy      1 DYMIGGGDF 9
          :||| |||
Db      87 DFMICAGDF 95
          87

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RESULT 37
US-10-028-072-8
Sequence 8, Application US/10028072
Publication No. US20030004311A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Inc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang

TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285

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; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGD 8
|:|||||||
Db 59 DFM1QGGD 66

RESULT 38
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tummas, Daniel
; APPLICANT: Watanae, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C182
CURRENT APPLICATION NUMBER: US/10/140,808
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYM1QGGD 8
|:|||||||
Db 59 DFM1QGGD 66

RESULT 39
US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US20030022239A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

```

APPLICANT: Gurney,Austin L.
 APPLICANT: Sherwood,Steven
 APPLICANT: Smith,Victoria
 APPLICANT: Stewart,Timothy A.
 APPLICANT: Tumas,Daniel
 APPLICANT: Watanabe,Colin K
 APPLICANT: Wood,William
 APPLICANT: Zhang,Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-8

Query Match 80.4%; Score 41; DB 14; Length 166;
 Best Local Similarity 87.5%; Pred. No. 12;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DYMIGQGD 8
 Db 59 DFMIGQGD 66

RESULT 40
 US-10-123-904-8
 ; Sequence 8, Application US/10123904
 ; Publication No. US20030022328A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker,Kevin P.
 ; APPLICANT: Beresini,Maureen
 ; APPLICANT: DeForge,Laura
 ; APPLICANT: Desnoyers,Luc
 ; APPLICANT: Filvaroff,Ellen
 ; APPLICANT: Gao,Wei-Qiang
 ; APPLICANT: Gerritsen,Mary E.
 ; APPLICANT: Goddard,Audrey
 ; APPLICANT: Godkowsky,Paul J.
 ; APPLICANT: Gurney,Austin L.
 ; APPLICANT: Sherwood,Steven
 ; APPLICANT: Smith,Victoria
 ; APPLICANT: Stewart,Timothy A.
 ; APPLICANT: Tumas,Daniel
 ; APPLICANT: Watanabe,Colin K
 ; APPLICANT: Wood,William
 ; APPLICANT: Zhang,Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C54
 CURRENT APPLICATION NUMBER: US/10/123,904
 CURRENT FILING DATE: 2002-04-16
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-123-904-8

Query Match 80.4%; Score 41; DB 14; Length 166;
 Best Local Similarity 87.5%; Pred. No. 12;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DYMIGQGD 8
 Db 59 DFMIGQGD 66

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
 (without alignments)
 32.887 Million cell updates/sec

Title: US-09-720-469A-39

Perfect score: 50

Sequence: 1 KYHRVIKDF 9

Scoring table: BLCSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqbs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

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 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
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 6: /cgn2_6/ptodata/1/iaa/backfile1.pep:
 * Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	46	92.0	126	2 US-09-482-728A-10	Sequence 10, Appl
2	46	92.0	126	2 US-08-482-728A-11	Sequence 11, Appl
3	46	92.0	166	4 US-09-513-999C-4171	Sequence 4171, Appl
4	46	92.0	203	4 US-10-043-142-10	Sequence 10, Appl
5	46	92.0	203	4 US-09-806-399-10	Sequence 10, Appl
6	46	92.0	207	4 US-10-043-142-11	Sequence 11, Appl
7	46	92.0	207	4 US-09-806-399-11	Sequence 11, Appl
8	46	92.0	208	1 US-08-142-897-7	Sequence 7, Appl
9	46	92.0	208	4 US-10-043-142-12	Sequence 12, Appl
10	46	92.0	208	4 US-09-806-399-12	Sequence 12, Appl
11	46	92.0	208	4 US-09-938-092-1126	Sequence 994, Appl
12	46	92.0	212	4 US-09-538-092-1126	Sequence 1126, Appl
13	45	90.0	113	4 US-09-513-999C-8064	Sequence 8064, Appl
14	43	86.0	650	4 US-09-583-110-3221	Sequence 3221, Appl
15	43	86.0	650	4 US-09-107-433-3515	Sequence 3515, Appl
16	41	82.0	114	4 US-09-270-767-32732	Sequence 32732, Appl
17	41	82.0	114	4 US-09-270-767-47949	Sequence 47949, Appl
18	41	82.0	184	4 US-09-949-016-7506	Sequence 7506, Appl
19	41	82.0	212	1 US-08-142-897-5	Sequence 5, Appl
20	41	82.0	212	4 US-10-043-142-5	Sequence 5, Appl
21	41	82.0	212	4 US-09-806-399-5	Sequence 5, Appl
22	41	82.0	246	4 US-09-248-796A-19779	Sequence 19779, Appl
23	41	82.0	274	4 US-09-107-532A-4964	Sequence 4964, Appl
24	41	82.0	371	4 US-09-538-092-548	Sequence 548, Appl
25	41	82.0	407	4 US-09-248-796A-19586	Sequence 19586, Appl
26	40	80.0	466	4 US-09-583-110-3345	Sequence 3345, Appl
27	40	80.0	472	4 US-09-107-433-4470	Sequence 4470, Appl

ALIGNMENTS

RESULT 1

US-08-482-728A-10
 ; Sequence 10, Application US/08482728A
 ; Patent No. 5968802
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Bruce
 ; APPLICANT: Fisher, Joseph
 ; APPLICANT: Payan, Donald
 ; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fehr, Hohbach, Test, Albritton
 ; ADDRESS: & Herbert
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: United States
 ; ZIP: 94111-4187
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/482,728A
 ; FILING DATE: 07-JUN-1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Silva, Robin M.
 ; REGISTRATION NUMBER: 38,304
 ; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 781-1989
 ; TELEFAX: (415) 398-3249
 ; TELEX: 910 277299
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 126 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; US-08-482-728A-10

Query Match 92.0%; Score 46; DB 2; Length 126;
 Best Local Similarity 88.9%; Pred. No. 0.2;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KYHRVIKDF 9
 |:|||||

Db 35 KFHRVIKDF 43

RESULT 2
US-08-482-728A-11
Sequence 11, Application US/08482728A
Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Honbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0., Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 92.0%; Score 46; DB 2; Length 126;
Best Local Similarity 88.9%; Pred. No. 0.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 35 KFHRVIKDF 43

RESULT 3
US-09-513-999C-4171
Sequence 4171, Application US/09513999C
Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm

Db 35 KFHRVIKDF 43

RESULT 4
US-10-043-142-10
Sequence 10, Application US/10043142
Patent No. 6607904
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043,142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806,399
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 203
TYPE: PRT
ORGANISM: Orpinomyces sp.

Qy 1 KYHRVIKDF 9
Db 92 KFHRVIKDF 100

RESULT 5
US-09-806-399-10
Sequence 10, Application US/09806399
Patent No. 6638737
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M.F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/09/806,399
CURRENT FILING DATE: 2002-03-30

Qy 1 KYHRVIKDF 9
Db 78 KFHRVIKDF 86

PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 10
 LENGTH: 203
 TYPE: PRT
 ORGANISM: Orpinomyces sp.
 US-09-806-399-10

Query Match
 Best Local Similarity 92.0%; Score 46; DB 4; Length 207;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 78 KFHRVIKDF 86

RESULT 6
 US-10-043-142-11
 Sequence 11, Application US/100431142
 Patent No. 6607904
 GENERAL INFORMATION:
 APPLICANT: DERICK, PATRICK M.F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043,142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806,399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-043-142-11

Query Match
 Best Local Similarity 92.0%; Score 46; DB 4; Length 207;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 83 KFHRVIKDF 91

RESULT 7
 US-09-806-399-11
 Sequence 11, Application US/09806399
 Patent No. 6638737
 GENERAL INFORMATION:
 APPLICANT: DERICK, PATRICK M.F.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 11

Query Match
 Best Local Similarity 92.0%; Score 46; DB 1; Length 208;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 9
 US-10-043-142-12

Sequence 12, Application US/10043142
 ; Patent No. 6607904
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M. F.
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/10/043,142
 ; CURRENT FILING DATE: 2002-01-14
 ; PRIOR APPLICATION NUMBER: 09/806,399
 ; PRIOR FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 12
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-043-142-12

Query Match 92.0%; Score 46; DB 4; Length 208;
 Best Local Similarity 88.9%; Pred. No. 0.33;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 10
 US-09-806-399-12
 ; Sequence 12, Application US/09806399
 ; Patent No. 6638737
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M. F.
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/09/806,399
 ; CURRENT FILING DATE: 2002-03-30
 ; PRIOR APPLICATION NUMBER: PCT/IB99/01669
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: GB 9821198.0
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 12
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-09-806-399-12

Query Match 92.0%; Score 46; DB 4; Length 208;
 Best Local Similarity 88.9%; Pred. No. 0.33;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 11
 US-09-538-092-994
 ; Sequence 994, Application US/09538092
 ; Patent No. 6753314
 ; GENERAL INFORMATION:
 ; APPLICANT: Giot, Loic
 ; APPLICANT: Mansfield, Traci A.
 ; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 ; FILE REFERENCE: 15966-542
 ; CURRENT APPLICATION NUMBER: US/09/538,092
 ; CURRENT FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: 60/127,352
 ; PRIOR FILING DATE: 1999-04-01
 ; PRIOR APPLICATION NUMBER: 60/178,965
 ; PRIOR FILING DATE: 2000-02-01
 ; NUMBER OF SEQ ID NOS: 1387
 ; SOFTWARE: CuraPatSeqFormatter Version 0.9
 ; SEQ ID NO: 994
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (0) . . (0)
 ; OTHER INFORMATION: Polypeptide Accession Number P23284
 ; US-09-538-092-994

Query Match 92.0%; Score 46; DB 4; Length 208;
 Best Local Similarity 88.9%; Pred. No. 0.33;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 12
 US-09-538-092-1126
 ; Sequence 1126, Application US/09538092
 ; Patent No. 6753314
 ; GENERAL INFORMATION:
 ; APPLICANT: Mansfield, Traci A.; Protein-Protein Complexes and Method of Using Same
 ; FILE REFERENCE: 15966-542
 ; CURRENT APPLICATION NUMBER: US/09/538,092
 ; CURRENT FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: 60/127,352
 ; PRIOR FILING DATE: 1999-04-01
 ; PRIOR APPLICATION NUMBER: 60/178,965
 ; PRIOR FILING DATE: 2000-02-01
 ; NUMBER OF SEQ ID NOS: 1387
 ; SOFTWARE: CuraPatSeqFormatter Version 0.9
 ; SEQ ID NO: 1126
 ; LENGTH: 212
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (0) . . (0)
 ; OTHER INFORMATION: Polypeptide Accession Number P45877
 ; US-09-538-092-1126

Query Match 92.0%; Score 46; DB 4; Length 212;
 Best Local Similarity 88.9%; Pred. No. 0.34;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 84 KFHRVIKDF 92

RESULT 13
 US-09-513-999C-8064
 ; Sequence 8064, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J. B.
 ; APPLICANT: Duclert, A.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins
 ; FILE REFERENCE: 15966-542
 ; Patent No. 6783961

FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,999C
 CURRENT FILING DATE: 2000-02-24
 PRIORITY NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SOFTWARE: Patent.pmm
 SEQ ID NO: 8064
 LENGTH: 113
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 36
 OTHER INFORMATION: Xaa=Cys or Ser
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 51
 OTHER INFORMATION: Xaa=Pro or Thr
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 108
 OTHER INFORMATION: Xaa=Leu or Met or Val
 US-09-513-999C-8064

Query Match 90.0%; Score 45; DB 4; Length 113;
 Best Local Similarity 77.8%; Pred. No. 0.28;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRYKDF 9
 :|||:|||
 Db 52 KFHRRIKDF 60

RESULT 14
 US-09-583-110-3221
 ; Sequence 3221, Application US/09583110
 ; Patent No. 6699703
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Doucette-Stamm et al.
 ; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 ; FILE REFERENCE: PATH00-07A
 ; CURRENT APPLICATION NUMBER: US/09/583,110
 ; CURRENT FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/107,433
 ; PRIOR FILING DATE: 1998-06-30
 ; PRIOR APPLICATION NUMBER: US 60/085,131
 ; PRIOR FILING DATE: 1998-05-12
 ; PRIOR APPLICATION NUMBER: US 60/051,553
 ; PRIOR FILING DATE: 1997-07-02
 ; NUMBER OF SEQ ID NOS: 5322
 ; SEQ ID NO: 3221
 ; LENGTH: 650
 ; TYPE: PRT
 ; ORGANISM: Streptococcus pneumoniae
 us-09-583-110-3221

Query Match 86.0%; Score 43; DB 4; Length 650;
 Best Local Similarity 66.7%; Pred. No. 3.7;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRYKDF 9
 :|||:|||
 Db 87 KYHRLVRDF 95

RESULT 15
 US-09-107-433-3515
 ; Sequence 3515, Application US/09107433
 ; Patent No. 6800744
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush

Query Match 86.0%; Score 43; DB 4; Length 650;
 Best Local Similarity 66.7%; Pred. No. 3.7;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRYKDF 9
 :|||:|||
 Db 87 KYHRLVRDF 95

RESULT 16
 US-09-270-767-32732
 ; Sequence 32732, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 32732
 ; LENGTH: 114
 ; TYPE: PRT
 ; ORGANISM: *Drosophila melanogaster*
 ; FEATURE:
 ; OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-32732

Query Match 82.0%; Score 41; DB 4; Length 114;
 Best Local Similarity 87.5%; Pred. No. 1.6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
 :|||||
 Db 84 FHRVIKDF 91

GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 47949
 LENGTH: 114
 TYPE: PRT
 ORGANISM: Drosophila melanogaster
 FEATURE:

OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-47949

Query Match 82.0%; Score 41; DB 4; Length 114;
 Best Local Similarity 87.5%; Pred. No. 1.6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
 :|||||
 Db 84 FHRVIKDF 91

GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307
 CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 7506
 LENGTH: 184

TYPE: PRT
 ORGANISM: Human

US-09-949-016-7506

Query Match 82.0%; Score 41; DB 4; Length 184;
 Best Local Similarity 87.5%; Pred. No. 2.6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
 :|||||
 Db 72 FHRVIKDF 79

GENERAL INFORMATION:
 APPLICANT: Human

RESULT 17
 US-09-270-767-47949
 Sequence 47949, Application US/09270767
 Patent No. 6703491

GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 FILE REFERENCE: File Reference: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270,767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 47949
 LENGTH: 114
 TYPE: PRT
 ORGANISM: Drosophila melanogaster
 FEATURE:

OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-47949

Query Match 82.0%; Score 41; DB 1; Length 212;
 Best Local Similarity 87.5%; Pred. No. 2.9;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
 :|||||||
 Db 87 FHRVIKDF 94

GENERAL INFORMATION:
 APPLICANT: DERK, PATRICK M.F.

RESULT 18
 US-09-949-016-7506
 Sequence 7506, Application US/09949016
 Patent No. 6812339

GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307
 CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 7506
 LENGTH: 184

Query Match 82.0%; Score 41; DB 4; Length 184;
 Best Local Similarity 87.5%; Pred. No. 2.6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
 :|||||
 Db 72 FHRVIKDF 79

GENERAL INFORMATION:
 APPLICANT: DERK, PATRICK M.F.

RESULT 19
 US-08-142-897-5
 Sequence 5, Application US/08142897
 Patent No. 5447852

GENERAL INFORMATION:
 APPLICANT: Friedman, Jeffrey S.
 APPLICANT: Weissman, Irving L.
 TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
 TITLE OF INVENTION: and Uses
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tracy J. Dunn
 STREET: One Market Plaza, Steuart Tower, Suite 2000
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005,917
 FILING DATE: 15-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 212 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

RESULT 20
 US-10-043-142-5
 Sequence 5, Application US/10043142
 Patent No. 6607904

GENERAL INFORMATION:
 APPLICANT: MADRID, SUSAN M.

RESULT 21
 US-10-043-142-5
 Sequence 5, Application US/10043142
 Patent No. 6607904

GENERAL INFORMATION:
 APPLICANT: DERK, PATRICK M.F.

RESULT 22
 US-10-043-142-5
 Sequence 5, Application US/10043142
 Patent No. 6607904

GENERAL INFORMATION:
 APPLICANT: MADRID, SUSAN M.

PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 5
 LENGTH: 212
 TYPE: PRT
 ORGANISM: Aspergillus niger
 US-10-043-142-5

Query Match 82.0%; Score 41; DB 4; Length 212;
 Best Local Similarity 87.5%; Pred. No. 2.9;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
 Db 84 FHRVIKDF 91

RESULT 21
 US-09-806-399-5
 Sequence 5, Application US/09806399
 Patent No. 6638737
 GENERAL INFORMATION:
 APPLICANT: DERRIK, PATRICK M.F.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 5
 LENGTH: 212
 TYPE: PRT
 ORGANISM: Aspergillus niger
 US-09-806-399-5

Query Match 82.0%; Score 41; DB 4; Length 212;
 Best Local Similarity 87.5%; Pred. No. 2.9;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
 Db 84 FHRVIKDF 91

RESULT 22
 US-09-248-796A-19779
 Sequence 19779, Application US/09248796A
 Patent No. 6747137
 GENERAL INFORMATION:
 APPLICANT: Keith Weinstock et al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 FILE REFERENCE:
 CURRENT APPLICATION NUMBER: US/09/248,796A
 CURRENT FILING DATE: 1999-02-12
 PRIOR APPLICATION NUMBER: US 60/074,725
 PRIOR FILING DATE: 1998-02-13
 PRIOR APPLICATION NUMBER: US 60/096,409
 PRIOR FILING DATE: 1998-08-13
 NUMBER OF SEQ ID NOS: 28208
 SEQ ID NO 19779
 LENGTH: 246
 TYPE: PRT
 ORGANISM: Candida albicans
 US-09-248-796A-19779

Query Match 82.0%; Score 41; DB 4; Length 246;

RESULT 23
 US-09-107-532A-4964
 Sequence 4964, Application US/09107532A
 Patent No. 6583275
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 024354
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arniello, Pamela Deneka
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781) 893-5007
 TELEFAX: (781) 893-8277
 INFORMATION FOR SEQ ID NO: 4964:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 274 amino acids
 TYPE: amino acid
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1::274
 SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
 US-09-107-532A-4964

Query Match 82.0%; Score 41; DB 4; Length 274;
 Best Local Similarity 87.5%; Pred. No. 3.8;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
 Db 132 FHRVIKDF 139

RESULT 24
 US-09-538-092-548
 Sequence 548, Application US/09538092
 Patent No. 6753314
 GENERAL INFORMATION:

APPLICANT: Giot, Loic
 APPLICANT: Mansfield, Traci A.
 TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 FILE REFERENCE: 15966-542
 CURRENT APPLICATION NUMBER: US/09/538,092
 CURRENT FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: 60/127,352
 PRIOR FILING DATE: 1999-04-01
 PRIOR APPLICATION NUMBER: 60/178,965
 PRIOR FILING DATE: 2000-02-01
 NUMBER OF SEQ ID NOS: 1387
 SOFTWARE: CuraPatSeqFormatter Version 0.9
 SEQ ID NO 548
 LENGTH: 371
 TYPE: PRT
 ORGANISM: *Saccharomyces cerevisiae*
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (0)..(0)
 OTHER INFORMATION: Polypeptide Accession Number YLR216C
 US-09-538-092-548

Query Match 82.0%; Score 41; DB 4; Length 371;
 Best Local Similarity 87.5%; Pred. No. 5.1;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
 Db 62 FHRVIKDF 69

RESULT 25
 US-09-248-796A-19586
 Sequence 19586, Application US/09248796A
 Patent No. 6747137
 GENERAL INFORMATION:
 APPLICANT: Keith Weinstock et al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 FILE REFERENCE:
 CURRENT APPLICATION NUMBER: US/09/248,796A
 CURRENT FILING DATE: 1999-02-12
 PRIOR APPLICATION NUMBER: US 60/074,725
 PRIOR FILING DATE: 1998-02-13
 PRIOR APPLICATION NUMBER: US 60/096,409
 PRIOR FILING DATE: 1998-08-13
 NUMBER OF SEQ ID NOS: 28208
 SEQ ID NO 19586
 LENGTH: 407
 TYPE: PRT
 ORGANISM: *Candida albicans*
 US-09-248-796A-19586

Query Match 82.0%; Score 41; DB 4; Length 407;
 Best Local Similarity 87.5%; Pred. No. 5.6;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
 Db 99 FHRVIKDF 106

RESULT 26
 US-09-583-110-3345
 Sequence 3345, Application US/09583110
 Patent No. 669703
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al.
 TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
 FILE REFERENCE: PATH00-07A
 CURRENT APPLICATION NUMBER: US/09/583,110
 CURRENT FILING DATE: 2000-05-26

Query Match 80.0%; Score 40; DB 4; Length 466;
 Best Local Similarity 75.0%; Pred. No. 9.9;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 ORGANISM: *Streptococcus pneumoniae*
 US-09-583-110-3345

Qy 2 YHRVIKDF 9
 Db 325 FHRVIKDF 332

RESULT 27
 US-09-107-433-4470
 Sequence 4470, Application US/09107433
 Patent No. 6800744
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE
 FOR DIAGNOSTICS
 THERAPEUTICS
 NUMBER OF SEQUENCES: 5206
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: <Unknown>
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: <Unknown>
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,433
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/ 085131
 FILING DATE: May 12, 1998
 APPLICATION NUMBER: 60/051553
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinelli, Pamela Deneke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-011
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781) 893-5007
 TELEFAX: (781) 893-8277
 INFORMATION FOR SEQ ID NO: 4470:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 472 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: *Streptococcus pneumoniae*
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (B) LOCATION 1...472
 SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
 US-09-107-433-4470

Query Match :|||:||| Score 40; DB 4; Length 472;
 Best Local Similarity 75.0%; Pred. No. 10;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Db 71 FHRVKDF 78

RESULT 30
 US-09-902-540-11614 Application US/09902540
 ; Sequence 11614, Application US/09902540
 ; Patent No. 6833447
 ; GENERAL INFORMATION:
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Wiegand, Roger C.
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
 ; FILE REFERENCE: 38-10(15849)B
 ; CURRENT APPLICATION NUMBER: US/09/902,540
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: 60/217,883
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 16825
 ; SEQ ID NO 11614
 ; LENGTH: 412
 ; TYPE: PRT
 ; ORGANISM: Myxococcus xanthus
 US-09-902-540-11614

Query Match :|||:||| Score 39; DB 4; Length 412;
 Best Local Similarity 75.0%; Pred. No. 13;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 YHRVIKDF 9
 Db 46 YHRVVSDF 53

RESULT 31
 US-08-482-728A-6 Application US/08482728A
 ; Sequence 6, Application US/08482728A
 ; Patent No. 5968802
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Bruce
 ; APPLICANT: Fisher, Joseph
 ; APPLICANT: Payan, Donald
 ; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: & Herbert
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: United States
 ; ZIP: 94111-4187
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/482,728A
 ; FILING DATE: 07-JUN-1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Silva, Robin M.
 ; REGISTRATION NUMBER: 38,304
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 781-1989
 ; TELEFAX: (415) 398-3249
 ; TELEX: 910 277299
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 123 amino acids

Query Match :|||:||| Score 40; DB 4; Length 760;
 Best Local Similarity 75.0%; Pred. No. 16;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 YHRVIKDF 9

RESULT 29
 US-09-949-016-11129 Application US/09949016
 ; Sequence 11129, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 11129
 ; LENGTH: 760
 ; TYPE: PRT
 ; ORGANISM: Human
 US-09-949-016-11129

TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-482-728A-6

Query Match Score 38; DB 2; Length 123;
 Best Local Similarity 66.7%; Pred. No. 6.3;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 |:|| :||:
 Db 32 KFHLIKNF 40

RESULT 32
 US-09-543-681A-4479
 ; Sequence 4479, Application US/09543681A
 ; Patent No. 6605709
 ; GENERAL INFORMATION:
 ; APPLICANT: GARY BRETON
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 ; FILE REFERENCE: 2709_1002_001
 ; CURRENT FILING DATE: 2000-04-05
 ; PRIOR APPLICATION NUMBER: US/09/543, 681A
 ; PRIOR FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 8344
 ; SEQ ID NO 4479
 ; LENGTH: 193
 ; TYPE: PRT
 ; ORGANISM: Proteus mirabilis
 US-09-543-681A-4479

Query Match Score 38; DB 4; Length 214;
 Best Local Similarity 62.5%; Pred. No. 11;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 |:|| :||:
 Db 160 KYHHIKD 167

RESULT 33
 US-10-138-701-38
 ; Sequence 38, Application US/10138701
 ; Patent No. 6753149
 ; GENERAL INFORMATION:
 ; APPLICANT: Human Genome Sciences, Inc. et al.
 ; TITLE OF INVENTION: Staphylococcus aureus Genes and polypeptides
 ; FILE REFERENCE: PB484
 ; CURRENT FILING NUMBER: US/10/138, 701
 ; PRIOR APPLICATION NUMBER: US/09/512, 255A
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/098, 964
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: US 60/009, 861
 ; PRIOR FILING DATE: 1996-01-05
 ; PRIOR APPLICATION NUMBER: PCT/ US99/19726
 ; PRIOR FILING DATE: 1999-08-31
 ; PRIOR APPLICATION NUMBER: US 08/956, 171
 ; PRIOR FILING DATE: 1997-10-20
 ; NUMBER OF SEQ ID NOS: 61
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 38
 ; LENGTH: 205
 ; TYPE: PRT
 ; ORGANISM: Staphylococcus aureus
 US-10-138-701-38

Query Match Score 38; DB 4; Length 205;

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 523 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-482-728A-19

Query Match 76.0%; Score 38; DB 2; Length 523;
 Best Local Similarity 66.7%; Pred. No. 26;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy	1 KYHRVIKDF 9 : : : :	Db	320 KFHLIKNF 328
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RESULT 37
 US-09-715-285-4
 ; Sequence 4, Application US/09715285
 ; Patent No. 6649395
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; HONG, XIQIANG
 ; MA, DONG
 ; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
 ; CYCLOPHILIN AND RELATED METHODS
 ; NUMBER OF SEQUENCES: 16
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: New England Biolabs, Inc.
 ; STREET: 32 Tozer Road
 ; CITY: Beverly
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 01915
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ Version 2.0
 ; CURRENT APPLICATION NUMBER: US/09/715,285
 ; APPLICATION NUMBER: 17-NO. 6649395-2000
 ; FILING DATE: 17-NO. 6649395-2000
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/028,366
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Williams, Gregory D
 ; REGISTRATION NUMBER: 30901
 ; REFERENCE/DOCKET NUMBER: NEB-133
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 978-927-5054
 ; TELEFAX: 978-927-1705
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 523 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 ; US-09-715-285-4

Query Match 76.0%; Score 38; DB 4; Length 523;
 Best Local Similarity 66.7%; Pred. No. 26;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy	1 KYHRVIKDF 9 : : : :	Db	320 KFHLIKNF 328
----	-------------------------------	----	------------------

RESULT 38
 US-09-270-767-33856
 ; Sequence 33856, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517

Query Match 76.0%; Score 38; DB 3; Length 523;
 Best Local Similarity 66.7%; Pred. No. 26;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy	1 KYHRVIKDF 9 : : : :	Db	320 KFHLIKNF 328
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33856
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-33856

Query Match      74.0%;  Score 37;  DB 4;  Length 186;
Best Local Similarity 62.5%; Pred. No. 15;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
Qy   2 YHRVIKDF 9
      :||:|||:|
Db    72 FHRIRDF 79

RESULT 39
US-09-270-767-49073
; Sequence 49073, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49073
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-49073

Query Match      74.0%;  Score 37;  DB 4;  Length 186;
Best Local Similarity 62.5%; Pred. No. 15;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
Qy   2 YHRVIKDF 9
      :||:|||:|
Db    72 FHRIRDF 79

RESULT 40
US-09-538-092-104
; Sequence 104, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 104
; LENGTH: 194
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: Polypeptide Accession Number YDL098C
US-09-538-092-104

Query Match      74.0%;  Score 37;  DB 4;  Length 194;
Best Local Similarity 75.0%; Pred. No. 15;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
 (without alignments)
 70.107 Million cell updates/sec

Title: US-09-720-469A-39
 Perfect score: 50
 Sequence: 1 KYHRVIKDF 9

Scoring table: BL050M62
 Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

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Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications AA:*

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15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*

16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep:*

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18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*

19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	46	92.0	9	15	US-10-447-161-84	Sequence 84, Appl
2	46	92.0	9	16	US-10-788-016-1	Sequence 1, Appl
3	46	92.0	64	9	US-09-990-747-17	Sequence 17, Appl
4	46	92.0	203	13	US-10-043-142-10	Sequence 10, Appl
5	46	92.0	207	13	US-10-043-142-11	Sequence 11, Appl
6	46	92.0	208	13	US-10-043-142-12	Sequence 12, Appl
7	46	92.0	208	16	US-10-408-765A-2441	Sequence 2441, Appl
8	46	92.0	210	14	US-10-002-631C-82	Sequence 82, Appl
9	46	92.0	291	9	US-09-925-301-1323	Sequence 1323, Appl
10	46	92.0	291	15	US-10-264-049-2974	Sequence 2974, Appl
11	45	90.0	165	15	US-10-424-599-209631	Sequence 209631, Appl
12	45	90.0	166	14	US-10-028-072-8	Sequence 8, Appl
13	45	90.0	166	14	US-10-140-808-8	Sequence 8, Appl

%

RESULTS

1

US-10-447-161-84

; Sequence 84, Application US/10447161
 ; Publication No. US20040023314A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Rong-fu
 ; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
 ; FILE REFERENCE: HO-P02484US1
 ; CURRENT APPLICATION NUMBER: US/10/447,161
 ; CURRENT FILING DATE: 2003-05-28
 ; PRIOR APPLICATION NUMBER: 60/383,530
 ; PRIOR FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 148
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 84
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic Peptide
 ; US-10-447-161-84

Query Match 92.0%; Score 46; DB 15; Length 9;
 Best Local Similarity 88.9%; Pred. No. 1.3e+06;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 1 KFHRVIKDF 9

RESULT 2

US-10-788-016-1

; Sequence 1, Application US/10788016
 ; Publication No. US20040141992A1
 ; GENERAL INFORMATION:

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; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788, 016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 84th residue to the 92nd residue of cyclophilin B
US-10-788-016-1

Query Match 92.0%; Score 46; DB 16; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 9
TYPE: PRT
ORGANISM: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 203
TYPE: PRT
ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match 92.0%; Score 46; DB 13; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.75;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 203
TYPE: PRT
ORGANISM: Orpinomyces sp.
US-10-043-142-10

RESULT 5
US-10-043-142-11
Sequence 11, Application US/10043142
Publication No. US20020150969A1
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M. F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043, 142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806, 399
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 207
TYPE: PRT
ORGANISM: Mus musculus
US-10-043-142-11

Query Match 92.0%; Score 46; DB 13; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 207
TYPE: PRT
ORGANISM: Mus musculus
US-10-043-142-12

RESULT 6
US-10-043-142-12
Sequence 12, Application US/10043142
Publication No. US20020150969A1
GENERAL INFORMATION:
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043, 142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806, 399
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 13
LENGTH: 207
TYPE: PRT
ORGANISM: Mus musculus
US-10-043-142-12

RESULT 3
US-09-990-747-17
Sequence 17, Application US/09990747
Publication No. US20020081688A1
GENERAL INFORMATION:
APPLICANT: Kamb et al.
TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
FILE REFERENCE: 29345/36934A
CURRENT APPLICATION NUMBER: US/09/990, 747
CURRENT FILING DATE: 2001-11-16
PRIOR APPLICATION NUMBER: US 60/249, 468
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 08/812, 994
PRIOR FILING DATE: 1997-03-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17
LENGTH: 64
TYPE: PRT
ORGANISM: Homo sapiens
US-09-990-747-17

Query Match 92.0%; Score 46; DB 9; Length 64;
Best Local Similarity 88.9%; Pred. No. 0.22;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn version 3.2
SEQ ID NO 18
LENGTH: 64
TYPE: PRT
ORGANISM: Homo sapiens
US-09-990-747-17

Query Match 92.0%; Score 46; DB 9; Length 64;
Best Local Similarity 88.9%; Pred. No. 0.22;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn version 3.2
SEQ ID NO 19
LENGTH: 64
TYPE: PRT
ORGANISM: Homo sapiens
US-09-990-747-17

RESULT 4
US-10-043-142-10
Sequence 10, Application US/10043142
Publication No. US20020150969A1
GENERAL INFORMATION:
APPLICANT: DERKX, PATRICK M. F.
APPLICANT: MADRID, SUSAN M.
TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
FILE REFERENCE: 078883/0128
CURRENT APPLICATION NUMBER: US/10/043, 142
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: 09/806, 399
PRIOR FILING DATE: 2002-03-30
PRIOR APPLICATION NUMBER: PCT/IB99/01669
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: GB 9821198.0
PRIOR FILING DATE: 1998-09-30
NUMBER OF SEQ ID NOS: 12

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SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 92.0%; Score 46; DB 13; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 84 KFHRVIKDF 92

RESULT 7
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale B.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; NUMBER OF SEQ ID NOS: 3077
; CURRENT FILING DATE: 2003-04-04
; SEQ ID NO: 2441
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match 92.0%; Score 46; DB 16; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 84 KFHRVIKDF 92

RESULT 8
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathan M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-631C-82

Query Match 92.0%; Score 46; DB 14; Length 210;
Best Local Similarity 88.9%; Pred. No. 0.78;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 84 KFHRVIKDF 92

RESULT 9
US-09-925-301-1323
; Sequence 1323, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (30)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (57)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match 92.0%; Score 46; DB 9; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 167 KFHRVIKDF 175

RESULT 10
US-10-264-049-2974
; Sequence 2974, Application US/10264049
; Publication No. US2004005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2974
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match 92.0%; Score 46; DB 15; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 167 KFHRVIKDF 175

Db 167 KFHRVIKDF 175

PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063350
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086

RESULT 11

US-10-424-599-209631

Sequence 209631, Application US/10424599

Publication No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: Kovalic David K

APPLICANT: Zhou Yihua

APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53223)B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 209631

LENGTH: 165

TYPE: PRT

ORGANISM: Glycine max

FEATURE:

OTHER INFORMATION: Clone ID: PAT_MRT3847_31324C.1.pep

US-10-424-599-209631

Query Match 90.0%; Score 45; DB 15; Length 165;

Best Local Similarity 77.8%; Pred. No. 0.94;

Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9

Db 51 KFHRVIKDF 59

RESULT 12

US-10-028-072-8

Sequence 8, Application US/100288072

Publication No. US20030004311A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang

TITLE OF INVENTION:

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/028,072

CURRENT FILING DATE: 2001-12-19

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18

Query Match Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 13
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Applioation removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-808-8

Query Match Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 14

US-10-121-049-8 ; LENGTH: 166
; Sequence 8, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-121-049-8

RESULT 15
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 52 KFHRRIKDF 60

RESULT 16
US-10-140-470-8
; Sequence 8, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
Db 52 KFHRRIKDF 60

RESULT 17
US-10-175-746-8
; Sequence 8, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8

RESULT 19
 US-10-176-921-8
 ; Sequence 8, Application US/10176921
 ; Publication No. US20030027276A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C353
 CURRENT APPLICATION NUMBER: US/10/175,746
 CURRENT FILING DATE: 2002-06-19
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS : 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-175-746-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 | : | : |||
 Db 52 KFHRRIKDF 60

RESULT 18
 US-10-176-918-8
 ; Sequence 8, Application US/10176918
 ; Publication No. US20030027275A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C382
 CURRENT APPLICATION NUMBER: US/10/176,918
 CURRENT FILING DATE: 2002-06-20
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS : 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-176-918-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 | : | : |||
 Db 52 KFHRRIKDF 60

RESULT 20
 US-10-137-865-8
 ; Sequence 8, Application US/10137865
 ; Publication No. US20030032155A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C154
 CURRENT APPLICATION NUMBER: US/10/137,865
 CURRENT FILING DATE: 2002-05-03
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS : 550

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 | : | : |||
 Db 52 KFHRRIKDF 60

SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 21
US-10-140-474-8
; Sequence 8, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-474-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 22
US-10-142-431-8
; Sequence 8, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-114-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 52 KFHRRIKDF 60

RESULT 24
 US-10-142-419-8
 ; Sequence 8, Application US/10142419
 ; Publication No. US20030044945A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanaabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C244
 ; CURRENT APPLICATION NUMBER: US/10/142,419
 ; CURRENT FILING DATE: 2002-05-10
 ; PRIOR Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-142-419-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 25
 US-10-123-262-8
 ; Sequence 8, Application US/10123262
 ; Publication No. US20030049816A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanaabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C249
 ; CURRENT APPLICATION NUMBER: US/10/142,423
 ; CURRENT FILING DATE: 2002-05-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-142-419-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 26
 US-10-142-423-8
 ; Sequence 8, Application US/10142423
 ; Publication No. US20030049817A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanaabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C249
 ; CURRENT APPLICATION NUMBER: US/10/142,423
 ; CURRENT FILING DATE: 2002-05-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-142-419-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 27
 US-10-121-050-8
 ; Sequence 8, Application US/10121050
 ; Publication No. US20030054516A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanaabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C38
 ; CURRENT APPLICATION NUMBER: US/10/123,262
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm

RESULT 29
 US-10-143-032-8
 Sequence 8, Application US/10143032
 Publication No. US2003005990A1
 GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: DeForge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tuman, Colin K
 / APPLICANT: Watanabe, Daniel
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 / FILE REFERENCE: P3330R1C20
 / CURRENT APPLICATION NUMBER: US/10/121,050
 / CURRENT FILING DATE: 2002-04-12
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550
 / SEQ ID NO 8
 / LENGTH: 166
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / US-10-121-050-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 28
 US-10-141-755-8
 / Sequence 8, Application US/10141755
 / Publication No. US20030054517A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: DeForge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tuman, Colin K
 / APPLICANT: Watanabe, Daniel
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 / FILE REFERENCE: P3330R1C192
 / CURRENT APPLICATION NUMBER: US/10/141,755
 / CURRENT FILING DATE: 2002-05-08
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550
 / SEQ ID NO 8
 / LENGTH: 166
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / US-10-141-755-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 30
 US-10-123-108-8
 / Sequence 8, Application US/10123108
 / Publication No. US20030068793A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: DeForge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tuman, Colin K
 / APPLICANT: Watanabe, Daniel
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 / FILE REFERENCE: P3330R1C36
 / CURRENT APPLICATION NUMBER: US/10/123,108
 / CURRENT FILING DATE: 2002-04-15

PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212

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| PRIOR APPLICATION NUMBER: 60/088741          Query Match      90.0%;  Score 45;  DB 14;  Length 166;
| PRIOR FILING DATE: 1998-06-10          Best Local Similarity 77.8%;  Pred. No. 0.95;
| PRIOR APPLICATION NUMBER: 60/088810          Matches 7;  Conservative 2;  Mismatches 0;  Indels 0;  Gaps 0;
| PRIOR FILING DATE: 1998-06-10
| PRIOR APPLICATION NUMBER: 60/088858
| PRIOR FILING DATE: 1998-06-11
| PRIOR APPLICATION NUMBER: 60/089532
| PRIOR FILING DATE: 1998-06-17
| PRIOR APPLICATION NUMBER: 60/089599
| PRIOR FILING DATE: 1998-06-17
| PRIOR APPLICATION NUMBER: 60/089907
| PRIOR FILING DATE: 1998-06-18
| PRIOR APPLICATION NUMBER: 60/089947
| PRIOR FILING DATE: 1998-06-19
| PRIOR APPLICATION NUMBER: 60/090349
| PRIOR FILING DATE: 1998-06-23
| PRIOR APPLICATION NUMBER: 60/090429
| PRIOR FILING DATE: 1998-06-24
| PRIOR APPLICATION NUMBER: 60/090445
| PRIOR FILING DATE: 1998-06-24
| PRIOR APPLICATION NUMBER: 60/090538
| PRIOR FILING DATE: 1998-06-24
| PRIOR APPLICATION NUMBER: 60/090863
| PRIOR FILING DATE: 1998-06-26
| PRIOR APPLICATION NUMBER: 60/091360
| PRIOR FILING DATE: 1998-07-01
| PRIOR APPLICATION NUMBER: 60/091519
| PRIOR FILING DATE: 1998-07-02
| PRIOR APPLICATION NUMBER: 60/091982

Query Match      90.0%;  Score 45;  DB 14;  Length 166;
Best Local Similarity 77.8%;  Pred. No. 0.95;
Matches 7;  Conservative 2;  Mismatches 0;  Indels 0;  Gaps 0;

Qy   1 KYHRIKDF 9
Db   52 KFHRRIKDF 60

RESULT 31
US-10-123-236-8
; Sequence 8, Application US/101233236
; Publication No. US20030068795A1
GENERAL INFORMATION:
| APPLICANT: Baker, Kevin P.
| APPLICANT: Beresini, Maureen
| APPLICANT: DeForge, Laura
| APPLICANT: Desnoyers, Luc
| APPLICANT: Filvaroff, Ellen
| APPLICANT: Gao, Wei-Qiang
| APPLICANT: Gerritsen, Mary E.
| APPLICANT: Goddard, Audrey
| APPLICANT: Godowski, Paul J.
| APPLICANT: Gurney, Austin L.
| APPLICANT: Sherwood, Steven
| APPLICANT: Smith, Victoria
| APPLICANT: Stewart, Timothy A.
| APPLICANT: Tumas, Daniel
| APPLICANT: Watanabe, Colin K
| APPLICANT: Wood, William
| APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C42
CURRENT APPLICATION NUMBER: US/10/123-261
CURRENT FILING DATE: 2002-04-15
PRIORITY APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-261-8

Query Match      90.0%;  Score 45;  DB 14;  Length 166;
Best Local Similarity 77.8%;  Pred. No. 0.95;
Matches 7;  Conservative 2;  Mismatches 0;  Indels 0;  Gaps 0;

Qy   1 KYHRIKDF 9
Db   52 KFHRRIKDF 60

RESULT 33
US-10-140-921-8
; Sequence 8, Application US/10140921
; Publication No. US20030068797A1
GENERAL INFORMATION:
| APPLICANT: Baker, Kevin P.
| APPLICANT: Beresini, Maureen
| APPLICANT: DeForge, Laura
| APPLICANT: Desnoyers, Luc
| APPLICANT: Filvaroff, Ellen
| APPLICANT: Gao, Wei-Qiang
| APPLICANT: Gerritsen, Mary E.
| APPLICANT: Goddard, Audrey
| APPLICANT: Godowski, Paul J.
| APPLICANT: Gurney, Austin L.
| APPLICANT: Sherwood, Steven
| APPLICANT: Smith, Victoria
| APPLICANT: Stewart, Timothy A.
| APPLICANT: Tumas, Daniel
| APPLICANT: Watanabe, Colin K
| APPLICANT: Wood, William
| APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C33
CURRENT APPLICATION NUMBER: US/10/123-236
CURRENT FILING DATE: 2002-04-15
PRIORITY APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 8
LENGTH: 166
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-236-8

```

APPLICANT: Watanabe,Colin K
 APPLICANT: Wood,William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C175
 CURRENT APPLICATION NUMBER: US/10/140,921
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-921-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 34
 US-10-140-928-8
 Sequence 8, Application US/10140928
 Publication No. US20030068798A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.

APPLICANT: Beresini,Maureen
 APPLICANT: DeForge,Laura
 APPLICANT: Desnoyers,Luc
 APPLICANT: Filvaroff,Ellen
 APPLICANT: Gao,Wei-Qiang
 APPLICANT: Gerritsen,Mary E.
 APPLICANT: Goddard,Audrey
 APPLICANT: Godowski,Paul J.
 APPLICANT: Gurney,Austin L.
 APPLICANT: Sherwood,Steven
 APPLICANT: Smith,Victoria
 APPLICANT: Stewart,Timothy A.
 APPLICANT: Tumas,Daniel
 APPLICANT: Watanabe,Colin K
 APPLICANT: Wood,William

Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C186
 CURRENT APPLICATION NUMBER: US/10/140,928
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-928-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 35
 US-10-121-045-8
 Sequence 8, Application US/10121045
 Publication No. US20030073210A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini,Maureen
 APPLICANT: DeForge,Laura
 APPLICANT: Desnoyers,Luc
 APPLICANT: Filvaroff,Ellen
 APPLICANT: Gao,Wei-Qiang
 APPLICANT: Gerritsen,Mary E.
 APPLICANT: Goddard,Audrey
 APPLICANT: Godowski,Paul J.
 APPLICANT: Gurney,Austin L.
 APPLICANT: Sherwood,Steven
 APPLICANT: Smith,Victoria
 APPLICANT: Stewart,Timothy A.
 APPLICANT: Tumas,Daniel
 APPLICANT: Watanabe,Colin K
 APPLICANT: Wood,William

Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C32
 CURRENT APPLICATION NUMBER: US/10/123,292
 CURRENT FILING DATE: 2002-04-15
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-045-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 QY 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 35
 US-10-121-045-8
 Sequence 8, Application US/10121045
 Publication No. US20030073210A1

RESULT 37
 US-10-123-903-8
 ; Sequence 8, Application US/10123903
 ; Publication No. US20030073212A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C51
 ; CURRENT APPLICATION NUMBER: US/10/123,903
 ; CURRENT FILING DATE: 2002-04-16
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-123-903-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-124-819-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 38
 US-10-124-819-8
 ; Sequence 8, Application US/10124819
 ; Publication No. US20030073213A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin J.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C64
 ; CURRENT APPLICATION NUMBER: US/10/124,822
 ; CURRENT FILING DATE: 2002-04-17
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-124-819-8

Query Match 90.0%; Score 45; DB 14; Length 166;
 Best Local Similarity 77.8%; Pred. No. 0.95;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
 Db 52 KFHRRIKDF 60

RESULT 40
 US-10-140-925-8
 ; Sequence 8, Application US/10140925

; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-925-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy	1 KYHRVIKDF 9 : :
Db	52 KFHRVIKDF 60

Search completed: May 31, 2005, 12:39:25
Job time : 45.2857 secs

BEST AVAILABLE COPY

This page blank (uspto)

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds

(without alignments)
 32.887 Million cell updates/sec

Title: US-09-720-469A-41

Perfect score: 55
 Sequence: 1 GFMCGGGDPF 9

Scoring table: BL0SUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summariesDatabase : Issued Patents AA:
 1: /cggn2_6/ptodata/1/iaa/5A_COMB.pep:
 2: /cggn2_6/ptodata/1/iaa/5B_COMB.pep:
 3: /cggn2_6/ptodata/1/iaa/6A_COMB.pep:
 4: /cggn2_6/ptodata/1/iaa/6B_COMB.pep:
 5: /cggn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
 6: /cggn2_6/ptodata/1/iaa/backfiles1.pep:
 *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	55	100.0	108	4	US-09-513-999C-7911		Sequence 7911, Ap
2	55	100.0	127	2	US-08-482-728A-9		Sequence 9, Appli
3	55	100.0	161	1	US-08-145-995A-13		Sequence 13, Appli
4	55	100.0	161	2	US-08-451-747-13		Sequence 13, Appli
5	55	100.0	161	3	US-09-134-852-13		Sequence 13, Appli
6	55	100.0	163	1	US-08-142-897-8		Sequence 8, Appli
7	55	100.0	164	1	US-08-145-995A-9		Sequence 9, Appli
8	55	100.0	164	2	US-08-451-747-9		Sequence 9, Appli
9	55	100.0	164	3	US-09-134-852-9		Sequence 9, Appli
10	55	100.0	164	4	US-09-538-092-852		Sequence 852, Appli
11	55	100.0	165	1	US-08-145-995A-8		Sequence 8, Appli
12	55	100.0	165	2	US-08-451-747-8		Sequence 8, Appli
13	55	100.0	165	3	US-09-134-852-8		Sequence 8, Appli
14	55	100.0	165	4	US-09-434-354-27		Sequence 27, Appli
15	55	100.0	165	4	US-09-513-999C-7912		Sequence 7912, Ap
16	55	100.0	165	4	US-09-709-785-27		Sequence 27, Appli
17	55	100.0	171	1	US-08-145-995A-10		Sequence 10, Appli
18	55	100.0	171	2	US-08-451-747-10		Sequence 10, Appli
19	55	100.0	171	3	US-09-134-852-10		Sequence 10, Appli
20	55	100.0	179	4	US-09-949-016-706		Sequence 7066, Ap
21	49	89.1	16	2	US-08-658-639-7		Sequence 7, Appli
22	49	89.1	16	3	US-08-944-604-7		Sequence 7, Appli
23	49	89.1	126	2	US-08-482-728A-15		Sequence 15, Appli
24	49	89.1	141	2	US-08-658-639-14		Sequence 14, Appli
25	49	89.1	141	3	US-08-944-604-14		Sequence 14, Appli
26	49	89.1	165	1	US-08-145-995A-11		Sequence 11, Appli
27	49	89.1	165	2	US-08-451-747-11		Sequence 11, Appli

RESULT 1
 US-09-513-999C-7911
 / Sequence 7911, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Ducleart, A.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 ; Patent No. 6783961
 ; FILE REFERENCE: 59-US2-REG
 ; CURRENT APPLICATION NUMBER: US/09/513, 999C
 ; PRIORITY APPLICATION NUMBER: US 60/122, 487
 ; PRIORITY FILING DATE: 1999-02-26
 ; NUMBER OF SEQ ID NOS: 36681
 ; SEQ ID NO 7911
 ; LENGTH: 108
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 97
 OTHER INFORMATION: Xaa=Ala or Glu or Gly or Val
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 97
 OTHER INFORMATION: Xaa=Ser or Thr
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 104
 OTHER INFORMATION: Xaa=Lys or Asn
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 103
 OTHER INFORMATION: Xaa=Ser or Thr
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 104
 OTHER INFORMATION: Xaa=Lys or Asn
 ; FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 105
 OTHER INFORMATION: Xaa=Ala or Pro
 ; US-09-513-999C-7911
 Query Match Score 55; DB 4; Length 108;
 Best Local Similarity 100.0%; Pred. No. 0.077;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGGDF 9
 Db 59 GFMCGGGDF 67
 RESULT 2
 US-08-482-728A-9

Sequence 9, Application US/08482728A
 Patent No. 5968802
 GENERAL INFORMATION:
 APPLICANT: Wang, Bruce
 APPLICANT: Fisher, Joseph
 APPLICANT: Payan, Donald
 TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fiehr, Honbach, Test, Albritton
 & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482,728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 127 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-482-728A-9

Query Match 100.0%; Score 55; DB 2; Length 127;
 Best Local Similarity 100.0%; Pred. No. 0.09;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 42 GFMCGGDF 50

RESULT 3
 US-08-145-995A-13
 Sequence 13, Application US/08145995A
 Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 161 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-13

Query Match 100.0%; Score 55; DB 1; Length 161;
 Best Local Similarity 100.0%; Pred. No. 0.11;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 56 GFMCGGDF 64

RESULT 4
 US-08-451-747-13
 Sequence 13, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 161 amino acids
 TYPE: amino acid

STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-13

Query Match 100.0%; Score 55; DB 2; Length 161;
 Best Local Similarity 100.0%; Pred. No. 0.11;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCCGGDF 9
 Db 56 GFMCCGGDF 64

RESULT 5
 US-09-134-852-13
 ; Sequence 13, Application US/09134852
 ; Patent No. 6127148
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; TITLE OF INVENTION: COMPOUNDS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; ADDRESSEE: CUSHMAN
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE: 29-OCT-1993
 CLASSIFICATION:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE OR
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 161 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-13

Query Match 100.0%; Score 55; DB 3; Length 161;
 Best Local Similarity 100.0%; Pred. No. 0.11;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCCGGDF 9
 Db 56 GFMCCGGDF 64

RESULT 6
 US-08-142-897-8
 ; Sequence 8, Application US/08142897

; Patent No. 5447852
 ; GENERAL INFORMATION:
 ; APPLICANT: Friedman, Jeffrey S.
 ; ATTORNEY: Weissman, Irving L.
 ; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Tracy J. Dunn
 ; STREET: One Market Plaza, Stewart Tower, Suite 2000
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE: 15-JAN-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 163 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-8

Query Match 100.0%; Score 55; DB 1; Length 163;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCCGGDF 9
 Db 58 GFMCCGGDF 66

RESULT 7
 US-08-145-995A-9
 ; Sequence 9, Application US/08145995A
 ; Patent No. 5482850
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; ADDRESSEE: CUSHMAN
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 164 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-9

Query Match 100.0%; Score 55; DB 1; Length 164;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67

RESULT 8
 US-08-451-747-9
 ; Sequence 9, Application US/08451747
 ; Patent No. 5821107
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; ADDRESS: CUSHMAN STREET: 130 WATER STREET
 ; CITY: BOSTON STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/134, 852
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/145, 995
 ; FILING DATE: 29-OCT-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: RESNICK, DAVID S.
 ; REGISTRATION NUMBER: 34235
 ; REFERENCE/DOCKET NUMBER: 43406
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617) 523-3400
 ; TELEFAX: (617) 523-6440
 ; TELEX: 200291 STRE UR
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 164 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 US-09-134-852-9

Query Match 100.0%; Score 55; DB 3; Length 164;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67

RESULT 10
US-09-538-092-852
Sequence 852, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
ADDRESS: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO: 852
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)..(0)
OTHER INFORMATION: Polypeptide Accession Number P05092
US-09-538-092-852

Query Match 100.0%; Score 55; DB 4; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.12%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
Db 58 GFMCGGDF 66

RESULT 11
US-08-145-995A-8
Sequence 8, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESS: CUSHMAN STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein

US-08-145-995A-8

Query Match 100.0%; Score 55; DB 2; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
Db 59 GFMCGGDF 67

RESULT 12
US-08-451-747-8
Sequence 8, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
TITLE OF INVENTION: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein

US-08-451-747-8

Query Match 100.0%; Score 55; DB 2; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
Db 59 GFMCGGDF 67

RESULT 13

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

US-09-134-852-8
 Sequence 8, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE:
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134, 852
 FILING DATE: 2000-02-26
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 2000291 STRE UR
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-09-134-852-8

Query Match 100.0%; Score 55; DB 3; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67

RESULT 14
 US-09-434-354-27
 Sequence 27, Application US/09434354
 Patent No. 6562563
 GENERAL INFORMATION:
 APPLICANT: Murphy, Anne N.
 APPLICANT: Cleverger, William
 APPLICANT: Wiley, Sandra Eileen
 APPLICANT: Andreyev, Alexander Y.
 APPLICANT: Frigeri, Luciano G.
 APPLICANT: Velicelbi, Gonul
 APPLICANT: Davis, Robert E.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
 FILE REFERENCE: 660088.433
 CURRENT APPLICATION NUMBER: US/09/434, 354
 CURRENT FILING DATE: 1999-11-03

Query Match 100.0%; Score 55; DB 4; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67

RESULT 15
 US-09-513-999C-7912
 Sequence 7912, Application US/09513999C
 Patent No. 6783961
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Duciert, A.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 Patent No. 6783961
 FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513, 999C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122, 487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SOFTWARE: Patent.pm
 SEQ ID NO 7912
 LENGTH: 165
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 96
 OTHER INFORMATION: Xaa=Gly or Val

US-09-513-999C-7912

Query Match 100.0%; Score 55; DB 4; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67

RESULT 16
 US-09-709-785-27
 Sequence 27, Application US/09709785
 Patent No. 6797467
 GENERAL INFORMATION:
 APPLICANT: Murphy, Anne N.
 APPLICANT: Cleverger, William
 APPLICANT: Wiley, Sandra Eileen
 APPLICANT: Andreyev, Alexander Y.
 APPLICANT: Frigeri, Luciano G.
 APPLICANT: Velicelbi, Gonul
 APPLICANT: Davis, Robert E.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
 FILE REFERENCE: 660088.433C1
 CURRENT APPLICATION NUMBER: US/09/709, 785
 CURRENT FILING DATE: 2002-09-16
 NUMBER OF SEQ ID NOS: 57
 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 27
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-709-785-27

Query Match Score 55; DB 4; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12%;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCCGGDF 9
Db 59 GFMCCGGDF 67

RESULT 17

US-08-145-995A-10

Sequence 10, Application US/08145995A

; Parent No. 5482850

GENERAL INFORMATION:

; APPLICANT: CARLOW, CLOTILDE K.S.

; ATTORNEY/AGENT INFORMATION:

; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

; TITLE OF INVENTION: COMPOUNDS

; NUMBER OF SEQUENCES: 21

; CURRENT APPLICATION DATA:

; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &

; ADDRESS: CUSHMAN

; STREET: 130 WATER STREET

; CITY: BOSTON

; STATE: MASSACHUSETTS

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/451,747

; FILING DATE:

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/145,995

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (508) 927-5054

; TELEFAX: (508) 927-1705

; TELEX:

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 171 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: RESNICK, DAVID S.

; REGISTRATION NUMBER: 34235

; REFERENCE/DOCKET NUMBER: 43406

; TELEPHONE: (617) 523-3400

; TELEFAX: (617) 523-6440

; TELEX: 200291 STRE UR

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 171 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; US-08-145-995A-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: US-08-451-747-10

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE: 29-OCT-1993
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEXFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 171 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-10

Query Match 100.0%; Score 55; DB 3; Length 171;
 Best Local Similarity 100.0%; Pred. No. 0.12%;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 GFMCCGGDF 9
 Db 66 GFMCCGGDF 74

RESULT 20
 US-09-949-016-7066
 ; Sequence 7066, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; PRIOR APPLICATION NUMBER: 2000-04-14
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ For Windows Version 4.0
 ; SEQ ID NO 7066
 ; LENGTH: 179
 ; TYPE: PRT
 ; ORGANISM: Human
 ; US-09-949-016-7066

Query Match 100.0%; Score 55; DB 4; Length 179;
 Best Local Similarity 100.0%; Pred. No. 0.13%;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 GFMCCGGDF 9
 Db 73 GFMCCGGDF 81

RESULT 21
 US-08-658-639-7
 ; Sequence 7, Application US/08658639
 ; Patent No. 5914238
 ; GENERAL INFORMATION:

APPLICANT: KEESEE, SUSAN
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE: 29-OCT-1993
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEXFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 171 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-10

APPLICANT: OBAR, ROBERT
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE: 29-OCT-1993
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WU, YING-JYE
 REGISTRATION NUMBER: 6218131
 REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-658-639-7

Query Match 89.1%; Score 49; DB 2; Length 16;
 Best Local Similarity 100.0%; Pred. No. 0.11%;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 5 FMCQGGDF 12

RESULT 22
 US-08-944-604-7
 ; Sequence 7, Application US/08944604
 ; Patent No. 6218131
 ; GENERAL INFORMATION:
 ; APPLICANT: KEESEE, SUSAN
 ; CURRENT APPLICATION DATA:
 ; APPLICANT: OBAR, ROBERT
 ; APPLICANT: WU, YING-JYE
 ; TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
 ; NUMBER OF SEQUENCES: 24
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 125 High St.
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02110
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/944,604
 ; FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36, 989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-944-604-7

Query Match 89.1%; Score 49; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 0.11; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 5 FMCQGGDF 12

RESULT 23 US-08-482-728A-15
Sequence 15, Application US/08482728A
Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38, 304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-15

Query Match 89.1%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.8; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 3 FMCQGGDF 44

RESULT 24 US-08-658-639-14
Sequence 14, Application US/08658639
Patent No. 5914238
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF BREAST CANCER
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658, 639
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36, 989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 141 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-658-639-14

Query Match 89.1%; Score 49; DB 2; Length 141;
Best Local Similarity 100.0%; Pred. No. 0.9; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 3 FMCQGGDF 44

RESULT 25 US-08-944-604-14
Sequence 14, Application US/08944604
Patent No. 6218131
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF BREAST CANCER
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston

STATE: MA
 COUNTRY: USA
 ZIP: 02110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,604
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MEYERS, THOMAS C
 REGISTRATION NUMBER: 36,989
 REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 141 amino acids
 STRANDEDNESS:
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLogy: linear
 MOLECULE TYPE: protein
 US-08-944-604-14

Query Match 89.1%; Score 49; DB 1; Length 165;
 Best Local Similarity 100.0%; Pred. No. 1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 61 FMCQGGDF 68

RESULT 27
 US-08-451-747-11
 Sequence 11, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-11

Query Match 89.1%; Score 49; DB 2; Length 165;
 Best Local Similarity 100.0%; Pred. No. 1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 61 FMCQGGDF 68

RESULT 28
 US-09-134-852-11
 Sequence 11, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ADDRESSEE: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESS: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 168 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-12

Query Match 89.1%; Score 49; DB 1; Length 168;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 63 FMCQGGDF 70

RESULT 30
 US-08-451-747-12
 Sequence 12, Application US/08451747
 Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEX: (508) 927-1705

RESULT 29
 US-08-145-995A-12
 Sequence 12, Application US/08145995A
 Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESS: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA

TELEX:
 / INFORMATION FOR SEQ ID NO: 12:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 168 amino acids
 / TYPE: amino acid
 / STRANDEDNESS: unknown
 / TOPOLOGY: unknown
 / MOLECULE TYPE: protein
 US-08-451-747-12

Query Match 89.1%; Score 49; DB 2; Length 168;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 63 FMCQGGDF 70

RESULT 32
 US-08-989-386-8
 ; Sequence 8, Application US/08989386
 ; Patent No. 5989860
 ; GENERAL INFORMATION:
 / APPLICANT: Bandman, Olga
 / APPLICANT: Hillman, Jennifer L.
 / APPLICANT: Guegler, Karl J.
 / APPLICANT: Corley, Neil C.
 / APPLICANT: Shah, Purvi
 / TITLE OF INVENTION: HUMAN ISOMERASE HOMOLOGS
 / NUMBER OF SEQUENCES: 9
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Incyte Pharmaceuticals, Inc.
 / STREET: 3114 Porter Drive
 / CITY: Palo Alto
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 94304
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Diskette
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: DOS
 / SOFTWARE: FastSEQ for Windows Version 2.0
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/989,386
 / FILING DATE:
 / CLASSIFICATION:
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER:
 / FILING DATE:
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Billings, Lucy J.
 / REGISTRATION NUMBER: 36,749
 / REFERENCE/DOCKET NUMBER: PF-0443 US
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 650-855-0555
 / TELEFAX: 650-845-4166
 / TELEX:
 / INFORMATION FOR SEQ ID NO: 8:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 273 amino acids
 / TYPE: amino acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / IMMEDIATE SOURCE:
 / LIBRARY: GenBank
 / CLONE: 2190533
 US-08-989-386-8

Query Match 89.1%; Score 49; DB 2; Length 273;
 Best Local Similarity 100.0%; Pred. No. 1.7;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 168 FMCQGGDF 175

RESULT 33
 US-08-944-604-20
 ; Sequence 20, Application US/08944604
 ; Patent No. 6218131
 ; GENERAL INFORMATION:
 / APPLICANT: KEESEE, SUSAN
 / APPLICANT: OBAR, ROBERT
 / APPLICANT: WU, YING-JYE
 / TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
 / TITLE OF INVENTION: BREAST CANCER
 / NUMBER OF SEQUENCES: 24
 / CORRESPONDENCE ADDRESS:

RESULT 31
 US-09-134-852-12
 ; Sequence 12, Application US/09134852
 ; PATENT NO. 6127148
 ; GENERAL INFORMATION:
 / APPLICANT: CARLOW, CLOTILDE K.S.
 / APPLICANT: PAGE, ANTONY
 / TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 / TITLE OF INVENTION: COMPOUNDS
 / NUMBER OF SEQUENCES: 21
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 / ADDRESS: CUSHMAN
 / STREET: 130 WATER STREET
 / CITY: BOSTON
 / STATE: MASSACHUSETTS
 / COUNTRY: USA
 / ZIP: 02109
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: PatentIn Release #1.0, Version #1.25
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/134,852
 / FILING DATE:
 / PRIORITY APPLICATION DATA:
 / APPLICATION NUMBER: US 08/145,995
 / FILING DATE: 29-OCT-1993
 / ATTORNEY/AGENT INFORMATION:
 / NAME: RESNICK, DAVID S.
 / REGISTRATION NUMBER: 34235
 / REFERENCE/DOCKET NUMBER: 43406
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (617) 523-3400
 / TELEFAX: (617) 523-6440
 / TELEX: 200291 STRE UR
 / INFORMATION FOR SEQ ID NO: 12:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 168 amino acids
 / TYPE: amino acid
 / STRANDEDNESS: unknown
 / TOPOLOGY: unknown
 / MOLECULE TYPE: protein
 US-09-134-852-12

Query Match 89.1%; Score 49; DB 3; Length 168;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 63 FMCQGGDF 70

ADDRESSEE: Testa, Hurwitz & Thibeault
 STREET: 125 High St.
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,604
 FILING DATE:
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: MEYERS, THOMAS C
 REGISTRATION NUMBER: 36,989
 REFERENCE DOCKET NUMBER: MTP-021 (8395/24)
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 296 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-944-604-20

Query Match 89.1%; Score 49; DB 3; Length 296;
 Best Local Similarity 100.0%; Pred. No. 1.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCGGDF 9
 Db 196 FMCGGDF 203

RESULT 34
 US-08-944-604-18
 Sequence 18, Application US/08944604
 Patent No. 6218131

GENERAL INFORMATION:
 APPLICANT: KEESEE, SUSAN
 APPLICANT: OBAR, ROBERT
 APPLICANT: WU, YING-JYE
 TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Testa, Hurwitz & Thibeault
 STREET: 125 High St.
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,604
 FILING DATE:
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: MEYERS, THOMAS C
 REGISTRATION NUMBER: 36,989
 REFERENCE DOCKET NUMBER: MTP-021 (8395/24)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 301 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-944-604-18

Query Match 89.1%; Score 49; DB 3; Length 301;
 Best Local Similarity 100.0%; Pred. No. 1.9;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCGGDF 9
 Db 196 FMCGGDF 203

RESULT 35
 US-09-949-016-8260
 Sequence 8260, Application US/09949016
 Patent No. 6812339

GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307
 CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 CURRENT APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 8260
 LENGTH: 303
 TYPE: PRT
 ORGANISM: Human

US-09-949-016-8260

Query Match 89.1%; Score 49; DB 4; Length 303;
 Best Local Similarity 100.0%; Pred. No. 1.9;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCGGDF 9
 Db 203 FMCGGDF 210

RESULT 36
 US-09-949-016-11303
 Sequence 11303, Application US/09949016
 Patent No. 6812339

GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307
 CURRENT APPLICATION NUMBER: US/09/949,016
 CURRENT FILING DATE: 2000-04-14
 CURRENT APPLICATION NUMBER: 60/241,755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237,768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231,498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 11303
 LENGTH: 308
 TYPE: PRT

ORGANISM: Human
US-09-949-016-11303

Query Match 89.1%; Score 49; DB 4; Length 308;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCGGGDF 9
Db 203 FMCGGGDF 210

RESULT 37
US-09-248-796A-19586
Sequence 19586, Application US/09248796A
PATENT NO. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 19586
LENGTH: 407
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match 89.1%; Score 49; DB 4; Length 407;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCGGGDF 9
Db 106 FMCGGGDF 113

RESULT 38
US-08-482-728A-12
Sequence 12, Application US/08482728A
PATENT NO. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Honbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304

REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-12

Query Match 78.2%; Score 43; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 7.2;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FMCGGGDF 9
Db 43 FMCGAGDF 50

RESULT 39
US-09-434-354-40
Sequence 40, Application US/09434354
PATENT NO. 6562563
GENERAL INFORMATION:
APPLICANT: Murphy, Anne N.
APPLICANT: Cleverger, William
APPLICANT: Wiley, Sandra Eileen
APPLICANT: Andreyev, Alexander Y.
APPLICANT: Frigeri, Luciano G.
APPLICANT: Velicelebi, Gonul
APPLICANT: Davis, Robert E.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
FILE REFERENCE: 660088.433
CURRENT APPLICATION NUMBER: US/09/434,354
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 40
LENGTH: 207
TYPE: PRT
ORGANISM: Homo sapien
US-09-434-354-40

Query Match 78.2%; Score 43; DB 4; Length 207;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FMCGGGDF 9
Db 102 FMCGAGDF 109

RESULT 40
US-09-538-092-1042
Sequence 1042, Application US/09538092
PATENT NO. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01

; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CurapateSeqFormatter Version 0.9
; SEQ ID NO 1042
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0) .. (0)
; OTHER INFORMATION: Polypeptide Accession Number P30405
US-09-538-092-1042

Query Match 78.2%; Score 43; DB 4; Length 207;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Caps 0;

Qy	2	FMCQGGDF 9
Db	102	FMCQAGDF 109

Search completed: May 31, 2005, 12:32:04
Job time : 20.4286 secs

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Om protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
 (without alignments)
 70.107 Million cell updates/sec

Title: US-09-720-469A-41
 Perfect score: 55 GFMCGGDF 9
 Sequence:

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing First 45 summaries

Database : Published Applications AA:
 1: /cggn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:
 2: /cggn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:
 3: /cggn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:
 4: /cggn2_6/ptodata/2/pubpaa/US07_NEW_PUBCOMB.pep:
 5: /cggn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:
 6: /cggn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:
 7: /cggn2_6/ptodata/2/pubpaa/US09_NEW_PUBCOMB.pep:
 8: /cggn2_6/ptodata/2/pubpaa/US10_NEW_PUBCOMB.pep:
 9: /cggn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:
 10: /cggn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep:
 11: /cggn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:
 12: /cggn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:
 13: /cggn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:
 14: /cggn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:
 15: /cggn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:
 16: /cggn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep:
 17: /cggn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:
 18: /cggn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:
 19: /cggn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:
 20: /cggn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

RESULT 1
 US-10-014-340-347
 ; Sequence 347, Application US/10014340
 ; Publication No. US20030064411A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Herath, et al.
 ; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and Uses Therefor, Including Diagnosis and Treatment of Alzheimer's Disease
 ; TITLE OF INVENTION: Diagnosis and Treatment of Alzheimer's Disease
 ; FILE REFERENCE: 9195-078
 ; CURRENT APPLICATION NUMBER: US/10/014,340
 ; CURRENT FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 823
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 347
 ; LENGTH: 14
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-014-340-347

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description	Score	DB 14;	Length 14;
1	55	100.0	14	14 US-10-014-340-347	Sequence 347, App	100.0%	Score 55;	DB 14;
2	55	100.0	82	14 US-10-106-698-6865	Sequence 6865, App	100.0%	Pred. No. 0.015;	Length 14;
3	55	100.0	108	9 US-09-864-761-40591	Sequence 40591, App	100.0%	Mismatches 0;	Indels 0;
4	55	100.0	147	17 US-10-481-041-7	Sequence 7, App	100.0%	Gaps 0;	
5	55	100.0	163	15 US-10-072-012-541	Sequence 541, App	100.0%		
6	55	100.0	163	15 US-10-092-900A-306	Sequence 306, App	100.0%		
7	55	100.0	164	15 US-10-072-012-539	Sequence 539, App	100.0%		
8	55	100.0	164	15 US-10-450-718-3	Sequence 3, App	100.0%		
9	55	100.0	164	16 US-10-408-765A-303	Sequence 303, App	100.0%		
10	55	100.0	165	15 US-10-440-464-94	Sequence 94, App	100.0%		
11	55	100.0	165	15 US-10-114-270-72	Sequence 72, App	100.0%		
12	55	100.0	165	15 US-10-072-012-540	Sequence 540, App	100.0%		
13	55	100.0	165	16 US-10-408-765A-1123	Sequence 1123, App	100.0%		

CURRENT APPLICATION NUMBER: US/10/106,698
 PRIOR FILING DATE: 2002-03-27
 PRIOR APPLICATION NUMBER: PCT/US00/26524
 PRIOR FILING DATE: 2000-09-28
 PRIOR APPLICATION NUMBER: US 60/157,137
 PRIOR FILING DATE: 1999-09-29
 PRIOR APPLICATION NUMBER: US 60/163,280
 PRIOR FILING DATE: 1999-11-03
 NUMBER OF SEQ ID NOS: 8564
 SOFTWARE: Patentin Ver. 3.0
 SEQ ID NO: 6865
 LENGTH: 82
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: MISC_FEATURE
 LOCATION: (49)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-106-698-6865

Query Match Score 55; DB 9; Length 108;
 Best Local Similarity 100.0%; Pred. No. 0.077;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGQGDF 9
 Db 22 GFMCGQGDF 30

RESULT 3
 US-09-864-761-40591
 ; Sequence 40591, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wengsheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 ; FILE REFERENCE: Aeomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO: 40591
 LENGTH: 108
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AP001538.1
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 11
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.8
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.6
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 15
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.6
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 10
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 16
 OTHER INFORMATION: EST HUMAN HIT: BF244231.1, EVALU: 3.00e-56
 OTHER INFORMATION: SWISSPROT HIT: P05092, EVALU: 2.00e-49
 US-09-864-761-40591

Query Match Score 55; DB 9; Length 108;
 Best Local Similarity 100.0%; Pred. No. 0.1;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGQGDF 9
 Db 78 GFMCGQGDF 86

RESULT 4
 US-10-481-041-7
 ; Sequence 7, Application US/10481041
 ; Publication No. US20050069878A1
 ; GENERAL INFORMATION:
 ; APPLICANT: YUE, Henry
 ; APPLICANT: LU, Duyng Aina M.
 ; APPLICANT: HAFALIA, April J.A.
 ; APPLICANT: ARVIZU, Chandra S.
 ; APPLICANT: RAMKUMAR, Jayalaxmi
 ; APPLICANT: TANG, Y. Tom
 ; APPLICANT: KHAN, Farrah A.
 ; APPLICANT: GREENE, Barrie D.
 ; APPLICANT: RICHARDSON, Thomas W.
 ; APPLICANT: YANG, Junming
 ; APPLICANT: ISON, Craig H.
 ; APPLICANT: WARREN, Bridget A.
 ; APPLICANT: ELLIOTT, Vicki S.
 ; APPLICANT: EMERLING, Brooke M.
 ; APPLICANT: GORVAD, Ann E.
 ; APPLICANT: LEE, Ernestine A.
 ; APPLICANT: GRIFFIN, Jennifer A.
 ; APPLICANT: LEE, Sally
 ; APPLICANT: FORSYTHE, Ian J.
 ; APPLICANT: AU-YOUNG, Janice K.
 ; APPLICANT: COLEMAN, Ilisa M.
 ; APPLICANT: SWARNAKAR, Anita
 ; APPLICANT: LAL, Preeti G.
 ; APPLICANT: BAUGHN, Mariah R.
 ; APPLICANT: TRAN, Uyen K.
 ; APPLICANT: FORSYTHE, Ian J.
 ; APPLICANT: COLEMAN, Ilisa M.
 ; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
 ; FILE REFERENCE: PF-1028 USN
 ; CURRENT APPLICATION NUMBER: US/10/481,041
 ; CURRENT FILING DATE: 2003-12-15
 ; PRIOR APPLICATION NUMBER: PCT/US02/18834
 ; PRIOR FILING DATE: 2002-06-12
 ; PRIOR APPLICATION NUMBER: US 60/298,617

PRIOR FILING DATE: 2001-06-15
 PRIOR APPLICATION NUMBER: US 60/300,376
 PRIOR FILING DATE: 2001-06-21
 PRIOR APPLICATION NUMBER: US 60/301,873
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: US 60/304,053
 PRIOR FILING DATE: 2001-07-09
 PRIOR APPLICATION NUMBER: US 60/305,361
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 60/305,370
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 60/305,330
 PRIOR FILING DATE: 2001-07-13
 NUMBER OF SEQ ID NOS: 38
 SOFTWARE: PERL Program
 SEQ ID NO: 7
 LENGTH: 147
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No: 7497402CD1
 US-10-481-041-7

Query Match Score 55; DB 17; Length 147;
 Best Local Similarity 100.0%; Pred. No. 0.13;
 Matches 9; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 41 GFMCGGDF 49

RESULT 5
 US-10-072-012-541
 Sequence 541, Application US/10072012
 Publication No. US20040033493A1
 GENERAL INFORMATION:
 APPLICANT: Tchernev, Velizar
 APPLICANT: Spytak, Kimberly
 APPLICANT: Zerhusen, Bryan
 APPLICANT: Patturajan, Meera
 APPLICANT: Shirkets, Richard
 APPLICANT: Li, Li
 APPLICANT: Gangolli, Esha
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Anderson, David W.
 APPLICANT: Rastelli, Luca
 APPLICANT: Miller, Charles E.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Taupier Jr., Raymond J.
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Colman, Steven D.
 APPLICANT: Wolenc, Adam R.
 APPLICANT: Pena, Carol E. A.
 APPLICANT: Furtak, Katarzyna
 APPLICANT: Gross, William M.
 APPLICANT: Alsobrook II, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.
 APPLICANT: Burgess, Catherine E.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-258
 CURRENT APPLICATION NUMBER: US/10/072,012
 CURRENT FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: 60/265,102
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: 60/265,514
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,517
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,412
 PRIOR FILING DATE: 2001-01-31

PRIOR APPLICATION NUMBER: 60/265,395
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/266,406
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/266,767
 PRIOR FILING DATE: 2001-02-05
 PRIOR APPLICATION NUMBER: 60/267,057
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/266,975
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/267,459
 PRIOR FILING DATE: 2001-02-08
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 1391
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 541
 LENGTH: 163
 TYPE: PRT
 ORGANISM: Bos taurus
 US-10-072-012-541

Query Match Score 55; DB 15; Length 163;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 9; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 58 GFMCGGDF 66

RESULT 6
 US-10-092-900A-306
 Sequence 306, Application US/10092900A
 Publication No. US20040043382A1
 GENERAL INFORMATION:
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Spytak, Kimberly A.
 APPLICANT: Shenoy, Suresh G.
 APPLICANT: Taupier Jr., Raymond J.
 APPLICANT: Pena, Carol E.A.
 APPLICANT: Li, Li
 APPLICANT: Zerhusen, Bryan D.
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Ji, Weizhen
 APPLICANT: Gorman, Linda
 APPLICANT: Miller, Charles E.
 APPLICANT: Kekuda, Ramesh
 APPLICANT: Patturajan, Meera
 APPLICANT: Gangolli, Esha A.
 APPLICANT: Vernet, Corine A.M.
 APPLICANT: Guo, Xiaoja Sasha
 APPLICANT: Tchernev, Velizar T.
 APPLICANT: Fernandes, Elma R.
 APPLICANT: Casman, Stacie J.
 APPLICANT: Malyankar, Uriel M.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Liu, Yi
 APPLICANT: Anderson, David W.
 APPLICANT: Spadera, Steven K.
 APPLICANT: Catterton, Elina
 APPLICANT: Leite, Mario W.
 APPLICANT: Zhong, Haihong
 APPLICANT: Alsobrook, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.
 APPLICANT: Burgess, Catherine E.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-290C
 CURRENT APPLICATION NUMBER: US/10/092,900A
 CURRENT FILING DATE: 2002-03-07
 PRIOR APPLICATION NUMBER: USSN 60/274,322
 PRIOR FILING DATE: 2001-03-08
 PRIOR APPLICATION NUMBER: USSN 60/283,675

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; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/3338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 306
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-092-900A-306

Query Match
Best Local Similarity 100.0%; Score 55; DB 15; Length 163;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 GFMCCGGDF 9
Db   59 GFMCCGGDF 67

RESULT 7
US-10-072-012-539
; Sequence 539, Application US/10072012
; GENERAL INFORMATION:
;   APPLICANT: Tchernev, Velizar
;   APPLICANT: spytak, Kimberly
;   APPLICANT: Zerhusen, Bryan
;   APPLICANT: Patturajan, Meera
;   APPLICANT: Shimbets, Richard
;   APPLICANT: Li, Li
;   APPLICANT: Gangolli, Esha
;   APPLICANT: Padigaru, Muralidhara
;   APPLICANT: Andersson, David W.
;   APPLICANT: Rastelli, Luca
;   APPLICANT: Miller, Charles E.
;   APPLICANT: Gerlach, Valerie
;   APPLICANT: Taupier Jr., Raymond J.
;   APPLICANT: Gusev, Vladimir Y.
;   APPLICANT: Colman, Steven D.
;   APPLICANT: Wolenc, Adam R.
;   APPLICANT: Pena, Carol E. A.
;   APPLICANT: Furtak, Katarzyna
;   APPLICANT: Gross, William M.
;   APPLICANT: Alsobrook II, John P.
;   APPLICANT: Lepley, Denise M.
;   APPLICANT: Rieger, Daniel K.
;   APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SEQ ID NO 539
; TYPE: PRT
; ORGANISM: Bos taurus
US-10-072-012-539

Query Match
Best Local Similarity 100.0%; Score 55; DB 15; Length 164;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 GFMCCGGDF 9
Db   59 GFMCCGGDF 67

RESULT 8
US-10-450-718-3
; Sequence 3, Application US/10450718
; Publication No. US20040053840A1
; GENERAL INFORMATION:
;   APPLICANT: Bayer AG
;   TITLE OF INVENTION: REGULATION OF HUMAN CYCLOPHILIN-LIKE PROTEIN
;   FILE REFERENCE: L10242
;   CURRENT APPLICATION NUMBER: US/10/450,718
;   CURRENT FILING DATE: 2003-06-25
;   PRIOR APPLICATION NUMBER: 60/257,301
;   PRIOR FILING DATE: 2000-12-26
;   NUMBER OF SEQ ID NOS: 4
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO 3
;   LENGTH: 164
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-450-718-3

Query Match
Best Local Similarity 100.0%; Score 55; DB 15; Length 164;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 GFMCCGGDF 9
Db   58 GFMCCGGDF 66

RESULT 9
US-10-408-765A-303
; Sequence 303, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
;   APPLICANT: Ghosh, Soumitra S.
;   APPLICANT: Fahy, Eoin D.
;   APPLICANT: Zhang, Bing
;   APPLICANT: Gibson, Bradford W.
;   APPLICANT: Taylor, Steven W.
;   APPLICANT: Glenn, Gary M.
;   APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION

```

TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME

FILE REFERENCE: 660088-465

CURRENT APPLICATION NUMBER: US/10/408,765A

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 303

LENGTH: 164

TYPE: PRT

ORGANISM: Homo sapiens

US-10-408-765A-303

Query Match 100.0%; Score 55; DB 16; Length 164;

Best Local Similarity 100.0%; Pred. No. 0.15;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9

Db 58 GFMCGGDF 66

RESULT 10

US-10-440-464-94

Sequence 94, Application US/10440464

Publication No. US20040018528A1

GENERAL INFORMATION:

APPLICANT: DEPRIMO, SAMUEL

APPLICANT: O'FARRELL, ANNE-MARIE

APPLICANT: MORIMOTO, ALYSSA

APPLICANT: SMOLICH, BEVERLY

APPLICANT: MANNING, WILLIAM

APPLICANT: WALTER, SARAH

APPLICANT: CHERRINGTON, JULIE

APPLICANT: SCHILLING, JIM

TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE

FILE REFERENCE: US/10/440,464

CURRENT APPLICATION NUMBER: US2002/1592

TITLE OF INVENTION: AND ACTIVITY IN MAMMALS

FILE REFERENCE: 038602/1592

CURRENT FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: 60/380,872

PRIOR FILING DATE: 2002-05-17

PRIOR APPLICATION NUMBER: 60/448,922

PRIOR FILING DATE: 2003-02-24

PRIOR APPLICATION NUMBER: 60/448,874

PRIOR FILING DATE: 2003-02-24

NUMBER OF SEQ ID NOS: 185

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 94

LENGTH: 165

TYPE: PRT

ORGANISM: Homo sapiens

US-10-440-464-94

Query Match 100.0%; Score 55; DB 15; Length 165;

Best Local Similarity 100.0%; Pred. No. 0.15;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9

Db 59 GFMCGGDF 67

RESULT 11

US-10-114-270-72

Sequence 72, Application US/10114270

Publication No. US20040030110A1

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojaia

APPLICANT: Kekuda, Ramesh

APPLICANT: Miller, Charles E.

APPLICANT: Malyankar, Uriel M.

APPLICANT: Spytek, Kimberly A.

APPLICANT: Pattrajan, Meera

APPLICANT: Zerhusen, Bryan

APPLICANT: Liu, Ziaohong
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Li, Li
 APPLICANT: Vernet, Corine
 APPLICANT: Zerhusen, Bryan D.
 APPLICANT: Gorman, Linda
 APPLICANT: Shenoy, Suresh G.
 APPLICANT: Pena, Carol E.A.
 APPLICANT: Smithson, Glennda
 APPLICANT: Burgess, Catherine E.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Shmikets, Richard A.
 APPLICANT: Gangolli, Esha A.
 APPLICANT: Taupier Jr., Raymond J.
 APPLICANT: Casman, Stacie J.
 APPLICANT: Ji, Weizhen
 APPLICANT: Anderson, David W.
 APPLICANT: Liete, Mario W.
 APPLICANT: Rastelli, Luca
 APPLICANT: Edinger, Shlomit R.
 APPLICANT: Stone, David J.
 APPLICANT: MacDougall, John R.
 APPLICANT: Rothenberg, Mark E.
 TITLE OF INVENTION: NO. US20040030110A1 Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-322C
 CURRENT APPLICATION NUMBER: US/10/114,270
 CURRENT FILING DATE: 2002-11-27
 PRIOR APPLICATION NUMBER: 60/281,086
 PRIOR FILING DATE: 2001-04-03
 PRIOR APPLICATION NUMBER: 60/281,136
 PRIOR FILING DATE: 2001-04-03
 PRIOR APPLICATION NUMBER: 60/281,863
 PRIOR FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: 60/281,906
 PRIOR FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: 60/282,020
 PRIOR FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: 60/282,930
 PRIOR FILING DATE: 2001-04-10
 PRIOR APPLICATION NUMBER: 60/282,934
 PRIOR FILING DATE: 2001-04-10
 PRIOR APPLICATION NUMBER: 60/283,512
 PRIOR FILING DATE: 2001-04-12
 PRIOR APPLICATION NUMBER: 60/283,710
 PRIOR FILING DATE: 2001-04-13
 PRIOR APPLICATION NUMBER: 60/284,234
 PRIOR FILING DATE: 2001-04-17
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 470
 SEQ ID NO: 72
 LENGTH: 165
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-114-270-72
 Query Match 100.0%; Score 55; DB 15; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 GFMCGGDF 9
 Db 59 GFMCGGDF 67
 RESULT 12
 US-10-072-012-540
 Sequence 540, Application US/10072012
 Publication No. US20040033493A1
 GENERAL INFORMATION:
 APPLICANT: Tchernev, Velizar
 APPLICANT: Spytek, Kimberly
 APPLICANT: Zerhusen, Bryan

APPLICANT: Patturajan, Meera
 APPLICANT: Shinkets, Richard
 APPLICANT: Li, Li
 APPLICANT: Gangoli, Esha
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Anderson, David W.
 APPLICANT: Rastelli, Luca
 APPLICANT: Miller, Charles E.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Taupier Jr, Raymond J.
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Colman, Steven D.
 APPLICANT: Wolenc, Adam R.
 APPLICANT: Pena, Carol E. A.
 APPLICANT: Furtak, Katarzyna
 APPLICANT: Gross, William M.
 APPLICANT: Alsobrook II, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.
 APPLICANT: Burgess, Catherine E.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 214042-258
 CURRENT APPLICATION NUMBER: US/10/072,012
 CURRENT FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: 60/265,102
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: 60/265,514
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,517
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,412
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,395
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/266,406
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/266,767
 PRIOR FILING DATE: 2001-02-05
 PRIOR APPLICATION NUMBER: 60/267,057
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/266,975
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/267,459
 PRIOR FILING DATE: 2001-02-08
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1391
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 540
 LENGTH: 165
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-072-012-540

Query Match 100.0%; Score 55; DB 15; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 13
 US-10-408-765A-1123
 ; Sequence 1123, Application US/10408765A
 ; GENERAL INFORMATION:
 ; APPLICANT: Ghosh, Soumitra S.
 ; APPLICANT: Fahy, Eoin D.
 ; APPLICANT: Zhang, Bing
 ; APPLICANT: Gibson, Bradford W.
 ; APPLICANT: Taylor, Steven W.
 ; APPLICANT: Glenn, Gary M.
 ; APPLICANT: Gusev, Vladimir Y.

APPLICANT: Warnock, Dale E.
 TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 FILE REFERENCE: 660088.465
 CURRENT APPLICATION NUMBER: US/10/408,765A
 CURRENT FILING DATE: 2003-04-04
 NUMBER OF SEQ ID NOS: 3077
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 1123
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-408-765A-1123

Query Match 100.0%; Score 55; DB 16; Length 165;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-10-264-049-4061
 ; Sequence 4061, Application US/10264049
 ; Publication No. US2004005579A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Birse et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PA133P1
 ; CURRENT APPLICATION NUMBER: US/10/264,049
 ; CURRENT FILING DATE: 2002-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/18569
 ; PRIOR FILING DATE: 2001-06-07
 ; PRIOR APPLICATION NUMBER: US 60/209,467
 ; PRIOR FILING DATE: 2000-06-07
 ; NUMBER OF SEQ ID NOS: 4360
 ; SOFTWARE: PatentIn Ver. 3.1
 ; SEQ ID NO 4061
 ; LENGTH: 169
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-264-049-4061

Query Match 100.0%; Score 55; DB 15; Length 169;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 15
 US-10-072-012-538
 ; Sequence 538, Application US/10072012
 ; Publication No. US20040033493A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Tchernev, Velizar
 ; APPLICANT: Spyrek, Kimberly
 ; APPLICANT: Li, Li
 ; APPLICANT: Gangoli, Esha
 ; APPLICANT: Zerhusen, Bryan
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Anderson, David W.
 ; APPLICANT: Patterson, Meera
 ; APPLICANT: Shimkets, Richard
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Miller, Charles E.
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Taupier Jr, Raymond J.
 ; APPLICANT: Gusev, Vladimir Y.

APPLICANT: Patturajan, Meera
 APPLICANT: Rastelli, Luca
 APPLICANT: Miller, Charles E.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Taupier Jr, Raymond J.
 APPLICANT: Gusev, Vladimir Y.

APPLICANT: Colman, Steven D.
 APPLICANT: Wolenc, Adam R.
 APPLICANT: Pena, Carol E. A.
 APPLICANT: Furtak, Katarzyna
 APPLICANT: Gross, William M.
 APPLICANT: Alsobrook II, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.
 APPLICANT: Burgess, Catherine E.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-258
 CURRENT APPLICATION NUMBER: US/10/072,012
 CURRENT FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: 60/265,102
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: 60/265,514
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,517
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,412
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/265,395
 PRIOR FILING DATE: 2001-01-31
 PRIOR APPLICATION NUMBER: 60/266,406
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/266,767
 PRIOR FILING DATE: 2001-02-05
 PRIOR APPLICATION NUMBER: 60/267,057
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/266,975
 PRIOR FILING DATE: 2001-02-07
 PRIOR APPLICATION NUMBER: 60/267,459
 PRIOR FILING DATE: 2001-02-08
 NUMBER OF SEQ ID NOS: 1391
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 538
 LENGTH: 174
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-072-012-538

Remaining Prior Application data removed - See File Wrapper or PALM.

Query Match Score 55; DB 15; Length 174;
 Best Local Similarity 100.0%; Pred. No. 0.16;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
 Db 68 GFMCGGDF 76

RESULT 16
 US-10-264-049-2261
 ; Sequence 2261, Application US/10264049
 ; Publication No. US20040005579A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Birse et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: PA133P1
 ; CURRENT APPLICATION NUMBER: US/10/264,049
 ; CURRENT FILING DATE: 2002-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/18569
 ; PRIOR FILING DATE: 2001-06-07
 ; PRIOR APPLICATION NUMBER: US 60/209,467
 ; PRIOR FILING DATE: 2000-06-07
 ; NUMBER OF SEQ ID NOS: 4360
 ; SOFTWARE: PatentIn Ver. 3.1
 ; SEQ ID NO: 2261
 ; LENGTH: 184
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-264-049-2261

Query Match Score 55; DB 15; Length 193;
 Best Local Similarity 100.0%; Pred. No. 0.17;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9

Db 85 GFMCGGGDF 93

RESULT 19
 US-10-072-012-180
 ; Sequence 180, Application US/10072012
 ; Publication No. US20040033493A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Tchernev, Velizar
 ; APPLICANT: Spytek, Kimberly
 ; APPLICANT: Zerhusen, Bryan
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Shimkets, Richard
 ; APPLICANT: Li, Li
 ; APPLICANT: Gangolli, Esha
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Anderson, David W.
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Gerlach, Charles E.
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Taupier Jr, Raymond J.
 ; APPLICANT: Gusev, Vladimir Y.
 ; APPLICANT: Colman, Steven D.
 ; APPLICANT: Wolenc, Adam R.
 ; APPLICANT: Pena, Carol E. A.
 ; APPLICANT: Furtak, Katarzyna
 ; APPLICANT: Gross, William M.
 ; APPLICANT: Alsobrook II, John P.
 ; APPLICANT: Lepley, Denise M.
 ; APPLICANT: Rieger, Daniel K.
 ; APPLICANT: Burgess, Catherine E.
 ; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 21402-258
 ; CURRENT APPLICATION NUMBER: US/10/072,012
 ; CURRENT FILING DATE: 2002-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,102
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: 60/265,514
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,517
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,412
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,514
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,517
 ; PRIOR FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: 60/265,406
 ; PRIOR FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: 60/266,767
 ; PRIOR FILING DATE: 2001-02-05
 ; PRIOR APPLICATION NUMBER: 60/267,057
 ; PRIOR FILING DATE: 2001-02-07
 ; PRIOR APPLICATION NUMBER: 60/266,975
 ; PRIOR FILING DATE: 2001-02-07
 ; NUMBER OF SEQ ID NOS: 1391
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 180
 ; LENGTH: 164
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-072-012-180

Query Match 92.7%; Score 51; DB 15; Length 164;
 Best Local Similarity 88.9%; Pred. No. 0.69;
 Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGGDF 9
 ||:|||||
 Db 59 GFVCQGGDF 67

RESULT 21
 US-10-481-041-19

; Sequence 19, Application US/10481041
; Publication No. US20050069878A1

GENERAL INFORMATION:

; APPLICANT: YUE, Henry
; APPLICANT: LU, Duyng Aina M.
; APPLICANT: HAFALIA, April J.A.
; APPLICANT: ARVIZU, Chandra S.
; APPLICANT: RAMKUMAR, Jayalaxmi
; APPLICANT: TANG, Y. Tom
; APPLICANT: KHAN, Farrah A.
; APPLICANT: GREENE, Barrie D.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: YANG, Junming
; APPLICANT: ISON, Craig H.
; APPLICANT: WARREN, Bridget A.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: EMERLING, Brooke M.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: LEE, Ernestine A.
; APPLICANT: GRIFFIN, Jennifer A.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: SWARNAKAR, Anita
; APPLICANT: LAL, Preeti G.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: TRAN, Uyen K.
; APPLICANT: LEE, Sally
; APPLICANT: FORSYTHE, Ian J.
; APPLICANT: AU-YOUNG, Janice K.
; APPLICANT: COLEMAN, Ilisa M.
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PF-1028 USN
; CURRENT APPLICATION NUMBER: US/10/481,041
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/US02/18834
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,617
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/300,376
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,873
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/304,053
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/305,361
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,370
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PERL Program
; SEQ ID NO: 19
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 7485288CD1
; US-10-481-041-19

Query Match 92.7%; Score 51; DB 17; Length 164;
; Best Local Similarity 88.9%; Pred. No. 0.69;
; Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 19
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 7485288CD1
; US-10-481-041-19

Query Match 92.7%; Score 51; DB 17; Length 164;
; Best Local Similarity 88.9%; Pred. No. 1;
; Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
; SEQ ID NO: 19
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 7485288CD1
; US-10-481-041-19

RESULT 22
US-10-236-417-108
; Sequence 108, Application US/10236417
; Publication No. US2004004B256A1

; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO: 108
; LENGTH: 156
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-236-417-108

Query Match 90.9%; Score 50; DB 15; Length 156;
; Best Local Similarity 88.9%; Pred. No. 0.97;
; Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GFMCGGGDF 9
Db 54 GFMCHGGDF 62

RESULT 23
US-10-450-718-2
; Sequence 2, Application US/10450718
; Publication No. US20040053840A1

; GENERAL INFORMATION:
; APPLICANT: Bayer AG
; TITLE OF INVENTION: REGULATION OF HUMAN CYCLOPHILIN-LIKE PROTEIN
; FILE REFERENCE: Lio242
; CURRENT APPLICATION NUMBER: US/10/450,718
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: 60/257,301
; PRIOR FILING DATE: 2000-12-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 2
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-450-718-2

Query Match 90.9%; Score 50; DB 15; Length 164;
; Best Local Similarity 88.9%; Pred. No. 1;
; Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GFMCGGGDF 9
Db 59 GFVCGGGDF 67

RESULT 24
US-10-210-130-134
; Sequence 134, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Gleninda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojaia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: spytak, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 214-02-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO: 134
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-130-134
Query Match 90.9%; Score 50; DB 15; Length 165;
Best Local Similarity 88.9%; Pred. No. 1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67
RESULT 25
US-10-029-386-33318
Sequence 33318, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR EXPRESSION ANALYSIS TWO
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Autamax Sequence Listing Engine vers. 1.1
SEQ ID NO 33318
LENGTH: 76
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL049824.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.6
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.45
; OTHER INFORMATION: SWISSPROT HIT: Q9UNP9, EVALUE 1.00e-34
US-10-029-386-33318
Query Match 89.1%; Score 49; DB 14; Length 76;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2 FMCCQGGDF 9
Db 26 FMCCQGGDF 33
RESULT 26
US-10-424-599-282095
Sequence 282095, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 282095
; LENGTH: 89
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:

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; NAME/KEY: unsure
; LOCATION: (1) .(89)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_96753C.1.pep
US-10-424-599-282095

Query Match      89.1%; Score 49; DB 15; Length 89;
Best Local Similarity 100.0%; Pred. No. 0.85;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   2 FMCQGGDF 9
Db   67 FMCQGGDF 74

RESULT 27
US-10-424-599-185231
; Sequence 185231, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 185231
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_39167C.1.pep
US-10-424-599-185231

Query Match      89.1%; Score 49; DB 15; Length 90;
Best Local Similarity 100.0%; Pred. No. 0.86;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   2 FMCQGGDF 9
Db   5 FMCQGGDF 12

RESULT 28
US-10-424-599-213021
; Sequence 213021, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 213021
; LENGTH: 99
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1) .(142)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_129497C.1.pep
US-10-424-599-175502

```

Query Match 89.1%; Score 49; DB 15; Length 142;
 Best Local Similarity 100.0%; Pred. No. 1.3;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 72 FMCQGGDF 79

RESULT 31 US-10-424-599-251810
 Sequence 251810, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 251810
 LENGTH: 142
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1) : (142)
 OTHER INFORMATION: unsure at all Xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_69411C.1.pep
 us-10-424-599-251810

Query Match 89.1%; Score 49; DB 15; Length 142;
 Best Local Similarity 100.0%; Pred. No. 1.3;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
 Db 71 FMCQGGDF 78

RESULT 32 US-10-767-701-47262
 Sequence 47262, Application US/10767701
 Publication No. US20040172684A1
 GENERAL INFORMATION:
 APPLICANT: Kovalic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
 FILE REFERENCE: 38-21(53535)B
 CURRENT APPLICATION NUMBER: US/10/767,701
 CURRENT FILING DATE: 2004-01-29
 NUMBER OF SEQ ID NOS: 63128
 SEQ ID NO 47262
 LENGTH: 143
 TYPE: PRT
 ORGANISM: Sorghum bicolor
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1) : (143)
 OTHER INFORMATION: unsure at all Xaa locations
 OTHER INFORMATION: Clone ID: LIB3478-035-P1-K1-A10.pep

Query Match 89.1%; Score 49; DB 16; Length 143;
 us-10-767-701-47262

Query Match 89.1%; Score 49; DB 17; Length 161;
 Best Local Similarity 88.9%; Pred. No. 1.5;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OTHER INFORMATION: Incyte ID No: 7492579CD1
 US-10-481-041-6

Qy 1 GFMCCGGDF 9
 Db 56 GLMCQGGDF 64

RESULT 34
 US-10-481-041-5
 Sequence 5, Application US/10481041
 Publication No. US20050069878A1

GENERAL INFORMATION:

APPLICANT: YUE, Henry
 APPLICANT: LU, Duyng Aina M.
 APPLICANT: HAPALIA, April J.A.
 APPLICANT: ARVIZU, Chandra S.
 APPLICANT: RAMKUMAR, Jayalaxmi
 APPLICANT: TANG, Y. Tom
 APPLICANT: KHAN, Farrah A.
 APPLICANT: GREENE, Barrie D.
 APPLICANT: RICHARDSON, Thomas W.
 APPLICANT: YANG, Junning
 APPLICANT: ISON, Craig H.
 APPLICANT: WARREN, Bridget A.
 APPLICANT: ELLIOTT, Vicki S.
 APPLICANT: EMERLING, Brooke M.
 APPLICANT: GORVAD, Ann E.
 APPLICANT: LEE, Ernestine A.
 APPLICANT: GRIFFIN, Jennifer A.
 APPLICANT: ZEBARJADIAN, Yeganeh
 APPLICANT: SWARNAKAR, Anita
 APPLICANT: LAL, Preeti G.
 APPLICANT: BAUGHN, Mariyah R.
 APPLICANT: TRAN, Uyen K.
 APPLICANT: LEE, Sally
 APPLICANT: FORSYTHE, Ian J.
 APPLICANT: AU-YOUNG, Janice K.
 APPLICANT: COLEMAN, Ilisa M.

TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
 FILE REFERENCE: PF-1028 USN
 CURRENT APPLICATION NUMBER: US/10/481,041
 CURRENT FILING DATE: 2003-12-15
 PRIOR APPLICATION NUMBER: PCT/US02/18834

PRIOR FILING DATE: 2002-06-12
 PRIOR APPLICATION NUMBER: US 60/298,617
 PRIOR FILING DATE: 2001-06-15
 PRIOR APPLICATION NUMBER: US 60/300,376
 PRIOR FILING DATE: 2001-06-21
 PRIOR APPLICATION NUMBER: US 60/301,873
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: US 60/304,053
 PRIOR FILING DATE: 2001-07-09
 PRIOR APPLICATION NUMBER: US 60/305,361
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 60/305,370
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 60/305,330
 PRIOR FILING DATE: 2001-07-13
 NUMBER OF SEQ ID NOS: 38
 SOFTWARE: PERL Program
 SEQ ID NO 5
 LENGTH: 163

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc_feature

OTHER INFORMATION: Incyte ID No: 7491083CD1
 US-10-481-041-5

Db 59 FMCQGGDF 66

RESULT 35

US-10-092-900A-290
 Sequence 290, Application US/10092900A
 Publication No. US20040043382A1
 GENERAL INFORMATION:
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Spytek, Kimberly A.
 APPLICANT: Shenoy, Suresh G.
 APPLICANT: Taupier Jr., Raymond J.
 APPLICANT: Pena, Carol E.A.
 APPLICANT: Li, Li
 APPLICANT: Zerhusen, Bryan D.
 APPLICANT: Gusev, Vladimir Y.
 APPLICANT: Ji, Weizhen
 APPLICANT: Gorman, Linda
 APPLICANT: Miller, Charles E.
 APPLICANT: Kekuda, Ramesh
 APPLICANT: Patturajan, Meera
 APPLICANT: Gangolli, Esha A.
 APPLICANT: Vernet, Corine A.M.
 APPLICANT: Guo, Xiaojaia Sasha
 APPLICANT: Tchernev, Velizar T.
 APPLICANT: Fernandes, Elma R.
 APPLICANT: Casman, Stacie J.
 APPLICANT: Malyankar, Uriel M.
 APPLICANT: Gerlach, Valerie
 APPLICANT: Liu, Yi
 APPLICANT: Anderson, David W.
 APPLICANT: Spaderna, Steven K.
 APPLICANT: Catterton, Elina
 APPLICANT: Leite, Mario W.
 APPLICANT: Zhong, Haihong
 APPLICANT: Alsobrook, John P.
 APPLICANT: Lepley, Denise M.
 APPLICANT: Rieger, Daniel K.
 APPLICANT: Burgess, Catherine E.
 TITLE OF INVENTION: No. US20040043382A1 Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-290C
 CURRENT APPLICATION NUMBER: US/10/092,900A
 CURRENT FILING DATE: 2002-03-07
 PRIOR APPLICATION NUMBER: USSN 60/274,322
 PRIOR FILING DATE: 2001-03-08
 PRIOR APPLICATION NUMBER: USSN 60/283,675
 PRIOR FILING DATE: 2001-04-13
 PRIOR APPLICATION NUMBER: USSN 60/338,092
 PRIOR FILING DATE: 2001-12-03
 PRIOR APPLICATION NUMBER: USSN 60/274,281
 PRIOR FILING DATE: 2001-03-08
 PRIOR APPLICATION NUMBER: USSN 60/274,191
 PRIOR FILING DATE: 2001-03-08
 PRIOR APPLICATION NUMBER: USSN 60/325,681
 PRIOR FILING DATE: 2001-09-27
 PRIOR APPLICATION NUMBER: USSN 60/304,354
 PRIOR FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: USSN 60/279,995
 PRIOR FILING DATE: 2001-03-30
 PRIOR APPLICATION NUMBER: USSN 60/294,899
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 768
 SEQ ID NO 290
 LENGTH: 165
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No: 7491083CD1
 US-10-092-900A-290
 Query Match 89.1%; Score 49; DB 17; Length 163;
 Best Local Similarity 100.0%; Pred. No. 1.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 89.1%; Score 49; DB 15; Length 165;

Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 60 FMCQGGDF 67

RESULT 36
US-10-437-963-204100
Sequence 204100, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 204100
LENGTH: 168
TYPE: PRT
ORGANISM: Oryza sativa
FEATURE:
NAME/KEY: unsure
LOCATION: (1) .. (168)
OTHER INFORMATION: unsure at all Xaa locations
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_99220C.1.pep
US-10-437-963-204100

Query Match 89.1%; Score 49; DB 16; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 71 FMCQGGDF 78

RESULT 37
US-10-767-701-47260
Sequence 47260, Application US/10767701
Publication No. US20040172684A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(53220)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 47260
LENGTH: 171
TYPE: PRT
ORGANISM: Sorghum bicolor
FEATURE:
OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep
US-10-767-701-47260

Query Match 89.1%; Score 49; DB 16; Length 171;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 67 FMCQGGDF 74

RESULT 38
US-09-891-464-8
Sequence 8, Application US/09891464
Publication No. US20030162175A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: NK Cell Receptor Polynucleotides, Polypeptides, and Antibodies
FILE REFERENCE: PT037P1
CURRENT APPLICATION NUMBER: US/09/891,464
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: PCT/US00/34770
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/171,506
PRIOR FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 11
SEQ ID NO 8

Query Match 89.1%; Score 49; DB 10; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 67 FMCQGGDF 74

RESULT 39
US-10-424-599-155969
Sequence 155969, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 155969
LENGTH: 172
TYPE: PRT
ORGANISM: Glycine max
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT3847_111860C.1.pep
US-10-424-599-155969

Query Match 89.1%; Score 49; DB 15; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
Db 67 FMCQGGDF 74

RESULT 40
US-10-424-599-155970
Sequence 155970, Application US/10424599
Publication No. US20040031072A1

; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155970
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111861C.1.pep
; US-10-424-599-155970

Query Match 89.1%; Score 49; DB 15; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	2 FMCQGGDF 9
Db	67 FMCQGGDF 74

Search completed: May 31, 2005, 12:39:26
Job time : 45.2857 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-42

Perfect score: 48

Sequence: 1 DFMIQGGDI 9

Scoring table: BLCSUM62
Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:
 1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep:
 2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep:
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 6: /cgm2_6/ptodata/1/iaa/backfile1.pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	48	100.0	126	2 US-09-482-728A-11	Sequence 11, Appl
2	48	100.0	212	4 US-09-538-092-1126	Sequence 1126, Ap
3	44	91.7	113	4 US-09-513-999C-8064	Sequence 8064, Ap
4	44	91.7	114	4 US-09-270-767-32732	Sequence 32732, A
5	44	91.7	114	4 US-09-270-767-47949	Sequence 47949, A
6	44	91.7	124	4 US-09-107-532A-6729	Sequence 6729, Ap
7	44	91.7	126	2 US-09-482-728A-10	Sequence 10, Appl
8	44	91.7	166	4 US-09-513-999C-4171	Sequence 4171, Ap
9	44	91.7	175	4 US-09-134-000C-3739	Sequence 3739, Ap
10	44	91.7	184	4 US-09-949-016-7506	Sequence 7506, Ap
11	44	91.7	186	4 US-09-270-767-33856	Sequence 33856, A
12	44	91.7	186	4 US-09-270-767-49073	Sequence 49073, A
13	44	91.7	203	4 US-10-043-142-10	Sequence 10, Appl
14	44	91.7	203	4 US-09-806-399-10	Sequence 10, Appl
15	44	91.7	207	4 US-10-043-142-11	Sequence 11, Appl
16	44	91.7	207	4 US-09-806-399-11	Sequence 11, Appl
17	44	91.7	208	1 US-08-142-897-7	Sequence 7, Appl
18	44	91.7	208	4 US-10-043-142-12	Sequence 12, Appl
19	44	91.7	208	4 US-09-806-399-12	Sequence 12, Appl
20	44	91.7	208	4 US-09-538-092-994	Sequence 994, Appl
21	44	91.7	212	1 US-08-142-897-5	Sequence 5, Appl
22	44	91.7	212	4 US-10-043-142-5	Sequence 5, Appl
23	44	91.7	212	4 US-09-806-399-5	Sequence 5, Appl
24	44	91.7	274	4 US-09-107-532A-4964	Sequence 4964, Ap
25	44	91.7	466	4 US-09-583-110-3345	Sequence 3345, Ap
26	44	91.7	472	4 US-09-107-433-4470	Sequence 4470, Ap
27	43	89.6	203	3 US-09-134-001C-3111	Sequence 3111, Ap

Qy 1 DFMIQGGDI 9

Query Match 100.0%; Score 48; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 9; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

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Db 42 DFM1QGGDI 50
Query Match 91.7%; Score 44; DB 4; Length 113;
Best Local Similarity 100.0%; Pred. No. 0.69;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 2
Sequence 1126, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO: 1126
LENGTH: 212
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0) .. (0)
OTHER INFORMATION: Polypeptide Accession Number P45877
US-09-538-092-1126

Query Match 100.0%; Score 48; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.25;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDI 9
Db 93 DFM1QGGDI 1.01

RESULT 3
US-09-513-999C-8064
Sequence 8064, Application US/09513999C
Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent .pm
SEQ ID NO: 8064
LENGTH: 113
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: UNSURE
LOCATION: 36
OTHER INFORMATION: Xaa=Cys or Ser
FEATURE:
NAME/KEY: UNSURE
LOCATION: 51
OTHER INFORMATION: Xaa=Pro or Thr
FEATURE:
NAME/KEY: UNSURE
LOCATION: 108
OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match 91.7%; Score 44; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDI 8
Db 90 DFM1QGGDI 97

RESULT 4
US-09-270-767-32732
Sequence 32732, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 32732
LENGTH: 114
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-32732

Query Match 91.7%; Score 44; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDI 8
Db 90 DFM1QGGDI 97

RESULT 5
US-09-270-767-47949
Sequence 47949, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 47949
LENGTH: 114
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-47949

Query Match 91.7%; Score 44; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGDI 8
Db 90 DFM1QGGDI 97

RESULT 6
US-09-107-532A-6729
Sequence 6729, Application US/09107532A
Patent No. 6583275
GENERAL INFORMATION:

```

APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESS: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA

ZIP: 02354

COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107, 532A
 FILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085, 598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: JULY 2, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Ariniello, Pamela Deneke
 REGISTRATION NUMBER: 40, 489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781) 893-5007
 TELEFAX: (781) 893-8277

INFORMATION FOR SEQ ID NO: 6729:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 124 amino acids
 TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: YES

ORIGINAL SOURCE:

ORGANISM: Enterococcus faecium

FEATURE:

NAME/KEY: misc feature

LOCATION: (B) LOCATION 1...124

SEQUENCE DESCRIPTION: SEQ ID NO: 6729:

US-09-107-532A-6729

Query Match 91.7%; Score 44; DB 4; Length 124;
 Best Local Similarity 100.0%; Pred. No. 0.76;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 70 DFM1QGGD 77

RESULT 7
 US-08-482-728A-10
 Sequence 10, Application US/08482728A
 Patent No. 5968802
 GENERAL INFORMATION:
 APPLICANT: Fisher, Joseph
 APPLICANT: Payan, Donald
 TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hohbach, Test, Albritton
 ADDRESSEE: & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111-4187

Query Match 91.7%; Score 44; DB 4; Length 166;
 Best Local Similarity 100.0%; Pred. No. 1.1;

Query Match 91.7%; Score 44; DB 2; Length 126;

Best Local Similarity 100.0%; Pred. No. 0.78;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
 US-09-513-999C-4171
 Sequence 4171, Application US/09513999C
 Patent No. 6783961
 GENERAL INFORMATION:
 APPLICANT: Dumas Milne Edwards, J.B.
 APPLICANT: Duclert, A.
 APPLICANT: Giordano, J.Y.
 TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins
 Patent No. 6783961
 FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,999C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SEQ ID NO 4171
 LENGTH: 166
 TYPE: PRT
 SOFTWARE: Patent .pm
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: -33.-1
 OTHER INFORMATION: score 9.9

OTHER INFORMATION: seq SVFFLLPGPSAA/DE

FEATURE:
 NAME/KEY: UNSURE
 LOCATION: 126OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr
 Patent No. 6783961
 FILE REFERENCE: 59.US2.REG
 CURRENT APPLICATION NUMBER: US/09/513,999C
 CURRENT FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/122,487
 PRIOR FILING DATE: 1999-02-26
 NUMBER OF SEQ ID NOS: 36681
 SEQ ID NO 4171
 LENGTH: 166
 TYPE: PRT
 SOFTWARE: Patent .pm
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SIGNAL
 LOCATION: -33.-1
 OTHER INFORMATION: score 9.9

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFM1QGGD 8
 Db 99 DFM1QGGD 106

RESULT 9
 US-09-134-000C-3739
 Sequence 3739, Application US/09134000C
 Patent No. 6617156
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO FILE REFERENCE: 032796-032
 CURRENT APPLICATION NUMBER: US/09/134, 000C
 PRIOR APPLICATION NUMBER: US 60/055, 778
 NUMBER OF SEQ ID NOS: 6812
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 3739
 LENGTH: 175
 TYPE: PRT
 ORGANISM: Enterococcus faecalis
 US-09-134-000C-3739

Query Match 91.7%; Score 44; DB 4; Length 175;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFM1QGGD 8
 Db 41 DFM1QGGD 48

RESULT 10
 US-09-949-016-7506
 Sequence 7506, Application US/09949016
 Patent No. 6812339
 GENERAL INFORMATION:
 APPLICANT: VENTER, J. Craig et al.
 TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 FILE REFERENCE: CL001307
 CURRENT APPLICATION NUMBER: US/09/949, 016
 CURRENT FILING DATE: 2000-04-14
 PRIOR APPLICATION NUMBER: 60/241, 755
 PRIOR FILING DATE: 2000-10-20
 PRIOR APPLICATION NUMBER: 60/237, 768
 PRIOR FILING DATE: 2000-10-03
 PRIOR APPLICATION NUMBER: 60/231, 498
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 207012
 SOFTWARE: FastSEQ For Windows Version 4.0
 SEQ ID NO 7506
 LENGTH: 184
 TYPE: PRT
 ORGANISM: Human
 US-09-949-016-7506

Query Match 91.7%; Score 44; DB 4; Length 184;
 Best Local Similarity 100.0%; Pred. No. 1.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFM1QGGD 8
 Db 78 DFM1QGGD 85

RESULT 11
 US-09-270-767-33856

Query Match 91.7%; Score 44; DB 4; Length 186;
 Best Local Similarity 100.0%; Pred. No. 1.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFM1QGGD 8
 Db 78 DFM1QGGD 85

RESULT 12
 US-09-270-767-49073
 Sequence 49073, Application US/09270767
 Patent No. 6703491
 GENERAL INFORMATION:
 APPLICANT: Homburger et al.
 TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
 FILE REFERENCE: 7326-094
 CURRENT APPLICATION NUMBER: US/09/270, 767
 CURRENT FILING DATE: 1999-03-17
 NUMBER OF SEQ ID NOS: 62517
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 49073
 LENGTH: 186
 TYPE: PRT
 ORGANISM: *Drosophila melanogaster*
 US-09-270-767-49073

Query Match 91.7%; Score 44; DB 4; Length 186;
 Best Local Similarity 100.0%; Pred. No. 1.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFM1QGGD 8
 Db 78 DFM1QGGD 85

RESULT 13
 US-10-043-142-10
 Sequence 10, Application US/10043142
 Patent No. 6607904
 GENERAL INFORMATION:
 APPLICANT: DERIKX, PATRICK M.F.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/10/043, 142
 CURRENT FILING DATE: 2002-01-14
 PRIOR APPLICATION NUMBER: 09/806, 399
 PRIOR FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: GB 9821198.0
 PRIOR FILING DATE: 1998-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 10
 LENGTH: 203

;

TYPE: PRT ; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match ; Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 16
US-09-806-399-11
; Sequence 11, Application US/09806399
Qy 1 DFM1QGGD 8
Db 85 DFM1QGGD 92

;

RESULT 14
US-09-806-399-10
; Sequence 10, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M. F.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

;

Query Match ; Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 17
US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; TITLE OF INVENTION: Irving L.
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587

;

Query Match ; Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 15
US-10-043-142-11
; Sequence 11, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

;

Query Match ; Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 415-326-2400
;   TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 208 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
; US-08-142-897-7

Query Match 91.7%; Score 44; DB 1; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 20
US-09-538-092-994
; Sequence 994, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
;   APPLICANT: Giot, Loic
;   APPLICANT: Mansfield, Traci A.
;   TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
;   FILE REFERENCE: 15966-542
;   CURRENT APPLICATION NUMBER: US/09/538,092
;   CURRENT FILING DATE: 2000-03-29
;   PRIOR APPLICATION NUMBER: 60/127,352
;   PRIOR FILING DATE: 1999-04-01
;   PRIOR APPLICATION NUMBER: 60/178,965
;   PRIOR FILING DATE: 2000-02-01
;   NUMBER OF SEQ ID NOS: 1387
;   SOFTWARE: CuraPatSeqFormatter Version 0.9
;   SEQ ID NO: 994
;   LENGTH: 208
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;     NAME/KEY: misc_feature
;     LOCATION: (0)..(0)
;   OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 21
US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
;   APPLICANT: Friedman, Jeffrey S.
;   APPLICANT: Weissman, Irving L.
;   TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
;   TITLE OF INVENTION: and Uses
;   NUMBER OF SEQUENCES: 10
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Tracy J. Dunn
;     STREET: One Market Plaza, Steuart Tower, Suite 2000
;     CITY: San Francisco
;     STATE: California
;     COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 21
US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
;   APPLICANT: DERKX, PATRICK M.F.
;   APPLICANT: MADRID, SUSAN M.
;   TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
;   FILE REFERENCE: 078883/0128
;   CURRENT APPLICATION NUMBER: US/10/043,142
;   CURRENT FILING DATE: 2002-01-14
;   PRIOR APPLICATION NUMBER: 09/806,399
;   PRIOR FILING DATE: 2002-03-30
;   PRIOR APPLICATION NUMBER: PCT/IB99/01669
;   PRIOR FILING DATE: 1999-09-30
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO: 12
;   LENGTH: 208
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO: 12

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 19
US-09-806-399-12
; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
;   APPLICANT: DERKX, PATRICK M.F.
;   APPLICANT: MADRID, SUSAN M.
;   TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
;   FILE REFERENCE: 078883/0128
;   CURRENT APPLICATION NUMBER: US/09/806,399
;   CURRENT FILING DATE: 2002-03-30
;   PRIOR APPLICATION NUMBER: PCT/IB99/01669
;   PRIOR FILING DATE: 1999-09-30
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO: 12
;   LENGTH: 208
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   NUMBER OF SEQ ID NOS: 12
;   SOFTWARE: PatentIn Ver. 2.1
;   SEQ ID NO: 12

```

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE: 08/08/142,897
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005,917
 FILING DATE: 15-JAN-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 212 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-5

Query Match 91.7%; Score 44; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 1.4;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 22
 US-10-043-142-5
 ; Sequence 5, Application US/10043142
 ; Patent No. 6607904
 ; GENERAL INFORMATION:
 ; APPLICANT: DERKX, PATRICK M.P.
 ; APPLICANT: MADRID, SUSAN M.
 ; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 ; FILE REFERENCE: 078883/0128
 ; CURRENT APPLICATION NUMBER: US/10/043,142
 ; CURRENT FILING DATE: 2002-01-14
 ; PRIOR APPLICATION NUMBER: 09/806,399
 ; PRIOR FILING DATE: 1998-09-30
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 212
 ; TYPE: PRT
 ; ORGANISM: Aspergillus niger
 US-10-043-142-5

Query Match 91.7%; Score 44; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 1.4;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 23
 US-09-806-399-5
 ; Sequence 5, Application US/09806399
 ; Patent No. 6638737
 ; GENERAL INFORMATION:

APPLICANT: DERKX, PATRICK M.P.
 APPLICANT: MADRID, SUSAN M.
 TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
 FILE REFERENCE: 078883/0128
 CURRENT APPLICATION NUMBER: US/09/806,399
 CURRENT FILING DATE: 2002-03-30
 PRIOR APPLICATION NUMBER: PCT/IB99/01669
 PRIOR FILING DATE: 1999-09-30
 NUMBER OF SEQ ID NOS: 12
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 5
 LENGTH: 212
 TYPE: PRT
 ORGANISM: Aspergillus niger

Query Match 91.7%; Score 44; DB 4; Length 212;
 Best Local Similarity 100.0%; Pred. No. 1.4;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 24
 US-09-107-532A-4964
 ; Sequence 4964, Application US/09107532A
 ; Patent No. 6583275
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 ; NUMBER OF SEQUENCES: 7310
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 ; STREET: 100 Beaver Street
 ; CITY: Waltham
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02354
 COMPUTER READABLE FORM:
 CURRENT APPLICATION DATA:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela Deneke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781) 893-8277
 INFORMATION FOR SEQ ID NO: 4964:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 274 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:

NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...274
 SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
 US-09-107-532A-4964

Query Match 91.7%; Score 44; DB 4; Length 274;
 Best Local Similarity 100.0%; Pred. No. 1.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 138 DFM1QGGD 145

RESULT 25
 US-09-583-110-3345
 ; Sequence 3345, Application US/09583110
 ; Patent No. 6699703
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Doucette-Stamm et al.
 ; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 ; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
 ; FILE REFERENCE: PATH00-07A
 ; CURRENT APPLICATION NUMBER: US/09/583,110
 ; PRIOR APPLICATION NUMBER: US 09/107,433
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/085,131
 ; PRIOR FILING DATE: 1998-06-30
 ; PRIOR APPLICATION NUMBER: US 60/051,553
 ; PRIOR FILING DATE: 1997-07-02
 ; NUMBER OF SEQ ID NOS: 5322
 ; SEQ ID NO 3345
 ; LENGTH: 466
 ; TYPE: PRT
 ; ORGANISM: Streptococcus pneumoniae
 US-09-583-110-3345

Query Match 91.7%; Score 44; DB 4; Length 466;
 Best Local Similarity 100.0%; Pred. No. 3.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 331 DFM1QGGD 338

RESULT 26
 US-09-107-433-4470
 ; Sequence 4470, Application US/09107433
 ; Patent No. 6800744
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
 ; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
 ; NUMBER OF SEQUENCES: 5206
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 ; STREET: 100 Beaver Street
 ; CITY: Waltham
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02354
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: CD/ROM ISO9660
 ; COMPUTER: <Unknown>
 ; OPERATING SYSTEM: <Unknown>
 ; SOFTWARE: <Unknown>
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/107,433
 ; FILING DATE: 30-Jun-1998
 ; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/ 085131
 FILING DATE: MAY 12, 1998
 APPLICATION NUMBER: 60/051553
 FILING DATE: JULY 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ariniello, Pamela Denke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-011
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 4470:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 472 amino acids
 TYPE: amino acid
 TOPOLogy: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: YES
 ORIGINAL SOURCE:
 ORGANISM: Streptococcus pneumoniae
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (B) LOCATION 1...472
 SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
 US-09-107-433-4470

Query Match 91.7%; Score 44; DB 4; Length 472;
 Best Local Similarity 100.0%; Pred. No. 3.3;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 337 DFM1QGGD 344

RESULT 27
 US-09-134-001C-3111
 ; Sequence 3111, Application US/09134001C
 ; Patent No. 6380370
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Doucette-Stamm et al
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
 ; FILE REFERENCE: GTC-007
 ; CURRENT APPLICATION NUMBER: US/09/134,001C
 ; PRIOR APPLICATION NUMBER: US 60/064,964
 ; CURRENT FILING DATE: 1998-08-13
 ; PRIOR FILING DATE: 1997-11-08
 ; PRIOR APPLICATION NUMBER: US 60/055,779
 ; PRIOR FILING DATE: 1997-08-14
 ; NUMBER OF SEQ ID NOS: 5674
 ; SEQ ID NO 3111
 ; LENGTH: 203
 ; TYPE: PRT
 ; ORGANISM: Staphylococcus epidermidis
 US-09-134-001C-3111

Query Match 89.6%; Score 43; DB 3; Length 203;
 Best Local Similarity 87.5%; Pred. No. 2;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 69 DFM1QGGD 76

RESULT 28
 US-09-976-594-375
 ; Sequence 375, Application US/09976594
 ; Patent No. 6673549
 ; GENERAL INFORMATION:
 ; APPLICANT: Furness, Michael
 ; APPLICANT: Buchbinder, Jenny

TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
FILE REFERENCE: PA-0041 US
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 1143
SOFTWARE: PERL Program
SEQ ID NO: 375
LENGTH: 754
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
US-09-976-594-375

Query Match 89.6%; Score 43; DB 4; Length 754;
Best Local Similarity 87.5%; Pred. No. 8.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFMIQGGD 8
Db 71 DFMVQGGD 78

RESULT 29
US-09-949-016-11129
Sequence 11129, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 11129
LENGTH: 760
TYPE: PRT
ORGANISM: Human
US-09-949-016-11129

Query Match 89.6%; Score 43; DB 4; Length 760;
Best Local Similarity 87.5%; Pred. No. 8.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFMIQGGD 8
Db 77 DFMVQGGD 84

RESULT 30
US-08-482-728A-16
Sequence 16, Application US/08482728A
Patent No. 5968802

GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: & Herbert

STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: A-61230/DJB/RMS
REFERENCE/DOCKET NUMBER: 38,304
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-16

Query Match 87.5%; Score 42; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 1.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 31
US-08-142-897-9
Sequence 9, Application US/08142897
Patent No. 5447852

GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.
TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
TITLE OF INVENTION: and Uses
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tracy J. Dunn
STREET: One Market Plaza, Stewart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,897
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US 08/005, 917
FILING DATE: 15-JAN-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/740, 375
FILING DATE: 05-AUG-1991
ATTORNEY/AGENT INFORMATION:

NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34, 587
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-9

Query Match 87.5%; Score 42; DB 1; Length 162;
 Best Local Similarity 87.5%; Pred. No. 2.4;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 57 DFM1QGGD 64

RESULT 32
 US-08-145-995A-14
 Sequence 14, Application US/08145995A
 ; Patent No. 5482850

GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:

INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-451-747-14
 Query Match 87.5%; Score 42; DB 2; Length 162;
 Best Local Similarity 87.5%; Pred. No. 2.4;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 57 DFM1QGGD 64

RESULT 34
 US-09-134-852-14
 Sequence 14, Application US/09134852
 ; Patent No. 6127148

GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN

Query Match 87.5%; Score 42; DB 1; Length 162;
 Best Local Similarity 87.5%; Pred. No. 2.4;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8

STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM: Floppy disk
 MEDIUM TYPE: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134, 852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: 200291 STRE UR
 INVENTORY FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-14

Query Match 87.5%; Score 42; DB 3; Length 162;
 Best Local Similarity 87.5%; Pred. No. 2.4;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMICQGD 8
 Db 57 DFMICQGD 64

RESULT 35
 US-08-482-728A-14
 Sequence 14, Application US/08482728A
 ; Patent No. 5968802
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Bruce
 ; APPLICANT: Fisher, Joseph
 ; APPLICANT: Payan, Donald
 ; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Flehr, Honbach, Test, Albritton
 ; STREET: Four Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: United States
 ; ZIP: 94111-4187

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/482, 728A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38, 304

REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEX: 910 277299
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 134 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-482-728A-14

Query Match 81.2%; Score 39; DB 2; Length 134;
 Best Local Similarity 87.5%; Pred. No. 6.9;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMICQGD 8
 Db 50 DFMICQGD 57

RESULT 36
 US-08-145-995A-3
 Sequence 3, Application US/08145995A
 ; Patent No. 5482850
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; APPLICANT: PAGE, ANTHONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; TITLE OF INVENTION: COMPOUNDS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-3

Query Match 81.2%; Score 39; DB 1; Length 176;
 Best Local Similarity 87.5%; Pred. No. 9.2;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMICQGD 8
 :|||||

Db 70 NFMIQGGD 77

RESULT 37
US-08-145-995A-4
Sequence 4, Application US/08145995A
Patent No. 5482850

GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
ATTORNEY: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: Single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-3

Query Match 81.2%; Score 39; DB 2; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
Db :||| |
70 NFMIQGGD 77

RESULT 39
US-08-451-747-4
Sequence 4, Application US/08451747
Patent No. 5821107

GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
ATTORNEY: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV

RESULT 38
US-08-451-747-3
Sequence 3, Application US/08451747
Patent No. 5821107

GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
ATTORNEY: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-4

Query Match 81.2%; Score 39; DB 2; Length 176;
 Best Local Similarity 87.5%; Pred. No. 9.2;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 DFMICQGD 8
 Db :|||||||
 70 NFMICQGD 77

RESULT 40
 US-09-134-852-3
 Sequence 3, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 APPLICANT: PAGE, ANTHONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 176 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-3

Query Match 81.2%; Score 39; DB 3; Length 176;
 Best Local Similarity 87.5%; Pred. No. 9.2;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 DFMICQGD 8
 :|||||||
 70 NFMICQGD 77

Search completed: May 31, 2005, 12:32:05
 Job time : 21.4286 SECs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
 (without alignments)

70.107 Million cell updates/sec

Title: US-09-720-469A-42
 Perfect score: 48
 Sequence: 1 DFMIGGDI 9

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications AA:
 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep: *
 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep: *
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 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep: *
 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep: *
 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	44	91.7	9	15 US-10-447-161-85	Sequence 85, Appl
2	44	91.7	9	16 US-10-788-016-2	Sequence 2, Appl
3	44	91.7	64	9 US-09-990-747-17	Sequence 17, Appl
4	44	91.7	166	14 US-10-028-072-8	Sequence 8, Appl
5	44	91.7	166	14 US-10-140-808-8	Sequence 8, Appl
6	44	91.7	166	14 US-10-121-049-8	Sequence 8, Appl
7	44	91.7	166	14 US-10-123-904-8	Sequence 8, Appl
8	44	91.7	166	14 US-10-140-470-8	Sequence 8, Appl
9	44	91.7	166	14 US-10-175-746-8	Sequence 8, Appl
10	44	91.7	166	14 US-10-176-918-8	Sequence 8, Appl
11	44	91.7	166	14 US-10-176-921-8	Sequence 8, Appl
12	44	91.7	166	14 US-10-137-865-8	Sequence 8, Appl
13	44	91.7	166	14 US-10-140-474-8	Sequence 8, Appl

% OTHER INFORMATION: Synthetic Peptide
 US-10-447-161-85

Query Match 91.7%; Score 44; DB 15; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGDI 8
 Db 1 DFMIGGDI 8

RESULT 2
 US-10-788-016-2
 Sequence 2, Application US/10788016
 Publication No. US20040141992A1
 ; GENERAL INFORMATION:

APPLICANT: ITOH, Kyogo
 TITLE OF INVENTION: Desensitizers
 FILE REFERENCE: 3190-049
 CURRENT APPLICATION NUMBER: US/10/788, 016
 CURRENT FILING DATE: 2004-02-26
 PRIOR APPLICATION NUMBER: PCT/JP02/08641
 PRIOR FILING DATE: 2002-08-28
 PRIOR APPLICATION NUMBER: JP P2001-260046
 PRIOR FILING DATE: 2001-08-29
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 2
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue to the 99th residue of cyclophilin B
 US-10-788-016-2

Query Match 91.7%; Score 44; DB 16; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGGD 8
 Db 1 DFMIGGGD 8

RESULT 3
 US-09-990-747-17
 Sequence 17, Application US/09990747
 Publication No. US2002008168BA1
 GENERAL INFORMATION:
 APPLICANT: Kamb et al.
 TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
 FILE REFERENCE: 29345/36934A
 CURRENT APPLICATION NUMBER: US/09/990,747
 CURRENT FILING DATE: 2001-11-16
 PRIOR APPLICATION NUMBER: US 60/249,468
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: US 08/812,994
 PRIOR FILING DATE: 1997-03-04
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 17
 LENGTH: 64
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-990-747-17

Query Match 91.7%; Score 44; DB 9; Length 64;
 Best Local Similarity 100.0%; Pred. No. 0.94;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGGD 8
 Db 31 DFMIGGGD 38

RESULT 4
 US-10-028-072-8
 Sequence 8, Application US/10028072
 Publication No. US20030004311A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey

PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
 PRIOR APPLICATION NUMBER: 60/065846
 PRIOR FILING DATE: 1997-11-17
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/066453
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/066511
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/066770
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/069212
 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069278
 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069334
 PRIOR FILING DATE: 1997-12-11
 PRIOR APPLICATION NUMBER: 60/069694
 PRIOR FILING DATE: 1997-12-16
 PRIOR APPLICATION NUMBER: 60/072320
 PRIOR FILING DATE: 1998-01-23
 PRIOR APPLICATION NUMBER: 60/073612
 PRIOR FILING DATE: 1998-02-04
 PRIOR APPLICATION NUMBER: 60/074086
 PRIOR FILING DATE: 1998-02-09
 PRIOR APPLICATION NUMBER: 60/074092
 PRIOR FILING DATE: 1998-02-09
 PRIOR APPLICATION NUMBER: 60/077791
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-25
 PRIOR APPLICATION NUMBER: 60/079663
 PRIOR FILING DATE: 1998-02-27
 PRIOR APPLICATION NUMBER: 60/079728
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/081203
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081229
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081695
 PRIOR FILING DATE: 1998-04-14
 PRIOR APPLICATION NUMBER: 60/081817
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/083322
 PRIOR FILING DATE: 1998-04-28
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085149
 PRIOR FILING DATE: 1998-05-12
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

PRIOR APPLICATION NUMBER: 60/086430
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/088026
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088730
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088741
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088810
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088858
 PRIOR FILING DATE: 19/98-06-11
 PRIOR APPLICATION NUMBER: 60/089532
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089599
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089907
 PRIOR FILING DATE: 1998-06-18
 PRIOR APPLICATION NUMBER: 60/089947
 PRIOR FILING DATE: 1998-06-19
 PRIOR APPLICATION NUMBER: 60/090349
 PRIOR FILING DATE: 1998-06-23
 PRIOR APPLICATION NUMBER: 60/090429
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 5
 US-10-140-808-8
 Sequence 8, Application US/10140808
 Publication No. US20030017563A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanaabe, Colin K

APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C182
 CURRENT APPLICATION NUMBER: US/10/140,808
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-808-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 6
 US-10-121-049-8
 Sequence 8, Application US/10121049
 Publication No. US20030022239A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C17
 CURRENT APPLICATION NUMBER: US/10/121,049
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-049-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 7
 US-10-123-904-8
 Sequence 8, Application US/101233904
 Publication No. US20030022328A1

GENERAL INFORMATION:

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
 Db 59 DFMIQGGD 66

RESULT 9
 US-10-175-746-8
 ; Sequence 8, Application US/10175746
 ; Publication No. US20030027270A1

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C353
 ; CURRENT APPLICATION NUMBER: US/10/175,746
 ; CURRENT FILING DATE: 2002-06-19
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-175-746-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
 Db 59 DFMIQGGD 66

RESULT 10
 US-10-176-918-8
 ; Sequence 8, Application US/10176918
 ; Publication No. US20030027275A1

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C288
 ; CURRENT APPLICATION NUMBER: US/10/176,921
 ; CURRENT FILING DATE: 2002-06-20
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-176-918-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
 Db 59 DFMIQGGD 66

RESULT 11
 US-10-176-921-8
 ; Sequence 8, Application US/10176921
 ; Publication No. US20030027276A1

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C382
 ; CURRENT APPLICATION NUMBER: US/10/176,918
 ; CURRENT FILING DATE: 2002-06-20
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-176-921-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
 Db 59 DFMIQGGD 66

RESULT 12
 US-10-137-865-8
 ; Sequence 8, Application US/10137865
 ; Publication No. US2003032155A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C154

CURRENT APPLICATION NUMBER: US/10/137,865

CURRENT FILING DATE: 2002-05-03

PRIOR Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-137-865-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 13 US-10-140-474-8

Sequence 8, Application US/10140474

Publication No. US20030032156A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C162

CURRENT APPLICATION NUMBER: US/10/140,474

CURRENT FILING DATE: 2002-05-06

PRIOR Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-431-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 14 US-10-142-431-8

Sequence 8, Application US/10142431

Publication No. US20030036179A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C251

CURRENT APPLICATION NUMBER: US/10/142,431

CURRENT FILING DATE: 2002-05-10

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-431-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 15 US-10-143-114-8

Sequence 8, Application US/10143114

Publication No. US20030036180A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C162

CURRENT APPLICATION NUMBER: US/10/140,474

CURRENT FILING DATE: 2002-05-06

PRIOR Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C211
 CURRENT APPLICATION NUMBER: US/10/143,114
 CURRENT FILING DATE: 2002-05-09
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO: 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-143-114-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGGD 8
 Db 59 DFMICQGD 66

RESULT 16
 US-10-142-419-8
 Sequence 8, Application US/10142419
 Publication No. US20030044945A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C244
 CURRENT APPLICATION NUMBER: US/10/142,419
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO: 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-142-419-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGGD 8
 Db 59 DFMICQGD 66

RESULT 17
 US-10-123-262-8
 Sequence 8, Application US/10123262

RESULT 19
 US-10-121-050-8
 Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-141-755-8

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C20
 CURRENT APPLICATION NUMBER: US/10/121,050
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-121-050-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-141-755-8

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C25
 CURRENT APPLICATION NUMBER: US/10/143,032
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-143-032-8

RESULT 20
 US-10-141-755-8
 Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-143-032-8

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C25
 CURRENT APPLICATION NUMBER: US/10/143,032
 CURRENT FILING DATE: 2002-05-10
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-143-032-8

RESULT 22
 US-10-123-108-8

Sequence 8, Application US/10123108
 Publication No. US20030068793A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C36

CURRENT APPLICATION NUMBER: US/10/123,108

CURRENT FILING DATE: 2002-04-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059836

PRIOR FILING DATE: 1997-09-24

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062285

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063082

PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/063127

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063327

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/063329

PRIOR FILING DATE: 1997-10-27

PRIOR APPLICATION NUMBER: 60/063550

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/063561

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/063704

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063733

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063735

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063738

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063755

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064248

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064809

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065846

PRIOR FILING DATE: 1997-11-17

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/066453

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/066511

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1997-11-24

PRIOR APPLICATION NUMBER: 60/069212

PRIOR FILING DATE: 1997-12-11

PRIOR APPLICATION NUMBER: 60/069278

PRIOR FILING DATE: 1997-12-11

PRIOR APPLICATION NUMBER: 60/069334

PRIOR FILING DATE: 1997-12-11

PRIOR APPLICATION NUMBER: 60/069694

PRIOR FILING DATE: 1997-12-16

PRIOR APPLICATION NUMBER: 60/072320

PRIOR FILING DATE: 1998-01-23

PRIOR APPLICATION NUMBER: 60/073612

PRIOR FILING DATE: 1998-02-04

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294

PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079663

PRIOR FILING DATE: 1998-02-27

PRIOR APPLICATION NUMBER: 60/079728

PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: 60/080165

PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/081203

PRIOR FILING DATE: 1998-04-09

PRIOR APPLICATION NUMBER: 60/081229

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081818

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/082999

PRIOR FILING DATE: 1998-04-24

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/083545

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/084600

PRIOR APPLICATION NUMBER: 60/084627

PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085149
 PRIOR FILING DATE: 1998-05-12
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085579
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/086414
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/086430
 PRIOR FILING DATE: 1998-05-22
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/088026
 PRIOR FILING DATE: 1998-06-04
 PRIOR APPLICATION NUMBER: 60/088730
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088741
 PRIOR FILING DATE: 1998-06-10
 PRIOR APPLICATION NUMBER: 60/088810
 PRIOR FILING DATE: 1998-06-11
 PRIOR APPLICATION NUMBER: 60/088858
 PRIOR FILING DATE: 1998-06-11
 PRIOR APPLICATION NUMBER: 60/089532
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089599
 PRIOR FILING DATE: 1998-06-17
 PRIOR APPLICATION NUMBER: 60/089907
 PRIOR FILING DATE: 1998-06-18
 PRIOR APPLICATION NUMBER: 60/089947
 PRIOR FILING DATE: 1998-06-19
 PRIOR APPLICATION NUMBER: 60/090349
 PRIOR FILING DATE: 1998-06-23
 PRIOR APPLICATION NUMBER: 60/090429
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090445
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090538
 PRIOR FILING DATE: 1998-06-24
 PRIOR APPLICATION NUMBER: 60/090863
 PRIOR FILING DATE: 1998-06-26
 PRIOR APPLICATION NUMBER: 60/091360
 PRIOR FILING DATE: 1998-07-01
 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091982

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 23 US-10-123-236-8
 ; Sequence 8, Application US/10123236
 ; Publication No. US20030068795A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C42
 ; CURRENT APPLICATION NUMBER: US/10-123-261
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 24 US-10-123-261-8
 ; Sequence 8, Application US/10123261
 ; Publication No. US20030068796A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C42
 ; CURRENT APPLICATION NUMBER: US/10-123-261
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
Db 59 DFM1QGGD 66

RESULT 25
US-10-140-921-8
; Sequence 8, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140, 921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-921-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
Db 59 DFM1QGGD 66

RESULT 26
US-10-140-928-8
; Sequence 8, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121, 045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-928-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
Db 59 DFM1QGGD 66

RESULT 27
US-10-121-045-8
; Sequence 8, Application US/10121045
; Publication No. US20030073210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121, 045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-121-045-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
Db 59 DFM1QGGD 66

RESULT 28
US-10-123-292-8
; Sequence 8, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 30
 US-10-124-819-8
 ; Sequence 8, Application US/10124819
 ; Publication No. US20030073213A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C32
 ; CURRENT APPLICATION NUMBER: US/10/123,292
 ; CURRENT FILING DATE: 2002-04-15
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; SEQ ID NO 8
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C65
 ; CURRENT APPLICATION NUMBER: US/10/124,819
 ; CURRENT FILING DATE: 2002-04-17
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-124-819-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

RESULT 29
 US-10-123-903-8
 ; Sequence 8, Application US/10123903
 ; Publication No. US20030073212A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C51
 ; CURRENT APPLICATION NUMBER: US/10/123,903
 ; CURRENT FILING DATE: 2002-04-16
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 8
 ; LENGTH: 166
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-123-903-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C64
 CURRENT APPLICATION NUMBER: US/10/124,822
 CURRENT FILING DATE: 2002-04-17
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-124-822-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGGD 8
 Db 59 DFMICQGGD 66

RESULT 32
 US-10-140-925-8

/ Sequence 8, Application US/10140925
 / Publication No. US20030073215A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen

DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Stewart, Timothy A.
 Tumans, Daniel
 Watanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C451

CURRENT APPLICATION NUMBER: US/10/160,498
 CURRENT FILING DATE: 2002-05-30
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-160-498-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGGD 8
 Db 59 DFMICQGGD 66

RESULT 34
 US-10-124-824-8

/ Sequence 8, Application US/10124824
 / Publication No. US20030077659A1
 / GENERAL INFORMATION:

Baker, Kevin P.
 Beresini, Maureen
 DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Stewart, Timothy A.
 Tumans, Daniel
 Watanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C187

CURRENT APPLICATION NUMBER: US/10/140,925
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-140-925-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMICQGGD 8
 Db 59 DFMICQGGD 66

RESULT 33
 US-10-160-498-8

/ Sequence 8, Application US/10160498
 / Publication No. US20030073216A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen

DeForge, Laura
 Desnoyers, Luc
 Filvaroff, Ellen
 Gao, Wei-Qiang
 Gerritsen, Mary E.
 Godowski, Paul J.
 Gurney, Austin L.
 Sherwood, Steven
 Stewart, Timothy A.
 Tumans, Daniel
 Watanabe, Colin K
 Wood, William
 Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3330R1C68

CURRENT APPLICATION NUMBER: US/10/124,824
 CURRENT FILING DATE: 2002-04-17
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-124-824-8

Query Match

Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 DFMIGGD 8
 Db 59 DFMIGGD 66

RESULT 35
 US-10-127-825A-8
 Sequence 8, Application US/10127825A
 Publication No. US2003007710A1
 GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: DeForge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen L.
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Gerritsen, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C85
 CURRENT APPLICATION NUMBER: US/10/127,829A
 CURRENT FILING DATE: 2002-10-15
 PRIOR APPLICATION NUMBER: 60/049911
 PRIOR FILING DATE: 1997-06-18
 PRIOR APPLICATION NUMBER: 60/056974
 PRIOR FILING DATE: 1997-08-26
 PRIOR APPLICATION NUMBER: 60/059113
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059115
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059117
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059122
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059124
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059126
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059128
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059130
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059132
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059134
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059136
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059138
 PRIOR FILING DATE: 1997-09-19
 PRIOR APPLICATION NUMBER: 60/059588
 PRIOR FILING DATE: 1997-09-19
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 8
 LENGTH: 166
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-127-829A-8

Query Match 91.7%; Score 44; DB 14; Length 166;
 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIGGD 8
 Db 59 DFMIGGD 66

RESULT 37
 US-10-127-835A-8
 Sequence 8, Application US/10127835A
 Publication No. US2003007712A1
 GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: DeForge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen L.

APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C105

CURRENT APPLICATION NUMBER: US/10/127,839A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-839A-8

RESULT 39
 US-10-127-901A-8
 Sequence 8, Application US/10127901A
 Publication No. US2003007714A1

GENERAL INFORMATION:

Qy 1 DFM1QGGD 8
 Db 59 DFM1QGGD 66

Query Match 91.7%; Score 44; DB 14; Length 166;

Best Local Similarity 100.0%; Pred. No. 2.5;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 8

LENGTH: 166

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-835A-8

RESULT 38
 US-10-127-839A-8
 Sequence 8, Application US/10127839A
 Publication No. US2003007713A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C86

CURRENT APPLICATION NUMBER: US/10/127,901A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

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; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-693A-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

Search completed: May 31, 2005, 12:39:27
Job time : 45.2857 secs

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; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-901A-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 40
US-10-128-693A-8
; Sequence 8, Application US/10128693A
; Publication No. US20030077715A1
; GENERAL INFORMATION:
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Beresini, Maureen
;   APPLICANT: DeForge, Laura
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Filvaroff, Ellen
;   APPLICANT: Gao, Wei-Qiang
;   APPLICANT: Gerritsen, Mary E.
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Sherwood, Steven
;   APPLICANT: Smith, Victoria
;   APPLICANT: Stewart, Timothy A.
;   APPLICANT: Tumas, Daniel
;   APPLICANT: Watanabe, Colin K.
;   APPLICANT: Wood, William
;   APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C120
; CURRENT APPLICATION NUMBER: US/10/128,693A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
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GenCore version 5.1.6
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Om protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds

(without alignments)

32.887 Million cell updates/sec

Title: US-09-720-469A-43
 Perfect score: 49
 Sequence: 1 TPHRVIPSP 9

Scoring table: BL0SUM62
 Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_AA:
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 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:
 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:
 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:
 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:
 6: /cgn2_6/ptodata/1/iaa/backfile1.pep:
 *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	49	100.0	126 2 US-08-482-728A-12	Sequence 12, Appl
2	49	100.0	207 4 US-09-434-354-40	Sequence 40, Appl
3	49	100.0	207 4 US-09-538-092-1042	Sequence 1042, Ap
4	49	100.0	207 4 US-09-709-785-40	Sequence 40, Appl
5	49	100.0	222 4 US-09-949-016-7645	Sequence 7645, Ap
6	46	93.9	205 1 US-08-142-897-6	Sequence 6, Appl
7	46	93.9	205 4 US-09-538-092-386	Sequence 386, App
8	45	91.8	171 1 US-08-145-995A-10	Sequence 10, Appl
9	45	91.8	171 2 US-08-451-747-10	Sequence 10, Appl
10	45	91.8	171 3 US-09-134-852-10	Sequence 10, Appl
11	45	91.8	192 4 US-09-489-039A-11077	Sequence 11077, A
12	45	91.8	198 4 US-09-543-681A-6912	Sequence 6912, Ap
13	41	83.7	126 2 US-08-482-728A-15	Sequence 15, Appl
14	41	83.7	165 1 US-08-145-995A-11	Sequence 11, Appl
15	41	83.7	165 2 US-08-451-747-11	Sequence 11, Appl
16	41	83.7	165 3 US-09-134-852-11	Sequence 11, Appl
17	41	83.7	171 3 US-09-028-366-7	Sequence 7, Appl
18	41	83.7	171 4 US-09-715-285-7	Sequence 7, Appl
19	40	81.6	124 4 US-09-107-532A-6729	Sequence 6729, Ap
20	40	81.6	126 2 US-08-482-728A-16	Sequence 16, Appl
21	40	81.6	141 2 US-08-658-639-14	Sequence 14, Appl
22	40	81.6	141 3 US-08-944-604-14	Sequence 14, Appl
23	40	81.6	162 1 US-08-142-897-9	Sequence 9, Appl
24	40	81.6	162 1 US-08-145-995A-14	Sequence 14, Appl
25	40	81.6	162 2 US-08-451-747-14	Sequence 14, Appl
26	40	81.6	162 3 US-09-134-852-14	Sequence 14, Appl
27	40	81.6	163 1 US-08-142-897-8	Sequence 8, Appl

ALIGNMENTS

RESULT 1		US-08-482-728A-12	
;	Sequence 12, Application US/08482728A	;	
;	Patent No. 5968802	;	
;	GENERAL INFORMATION:	;	
;	APPLICANT: Wang, Bruce	;	
;	APPLICANT: Fisher, Joseph	;	
;	APPLICANT: Payan, Donald	;	
;	TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin	;	
;	NUMBER OF SEQUENCES: 21	;	
;	CORRESPONDENCE ADDRESS:	;	
;	ADDRESSEE: Flehr, Hohbach, Test, Albritton	;	
;	ADDRESS: & Herbert	;	
;	STREET: Four Embarcadero Center, Suite 3400	;	
;	CITY: San Francisco	;	
;	STATE: California	;	
;	COUNTRY: United States	;	
;	ZIP: 94111-4187	;	
;	COMPUTER READABLE FORM:	;	
;	MEDIUM TYPE: Floppy disk	;	
;	COMPUTER: IBM PC compatible	;	
;	OPERATING SYSTEM: PC-DOS/MS-DOS	;	
;	SOFTWARE: PatentIn Release #1.0, Version #1.30	;	
;	CURRENT APPLICATION DATA:	;	
;	APPLICATION NUMBER: US/08/482,728A	;	
;	FILING DATE: 07-JUN-1995	;	
;	CLASSIFICATION: 435	;	
;	ATTORNEY/AGENT INFORMATION:	;	
;	NAME: Silva, Robin M.	;	
;	REGISTRATION NUMBER: 38,304	;	
;	REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS	;	
;	TELECOMMUNICATION INFORMATION:	;	
;	TELEPHONE: (415) 398-3249	;	
;	TELEFAX: 910 277299	;	
;	INFORMATION FOR SEQ ID NO: 12:	;	
;	SEQUENCE CHARACTERISTICS:	;	
;	LENGTH: 126 amino acids	;	
;	TYPE: amino acid	;	
;	STRANDEDNESS: unknown	;	
;	TOPOLOGY: unknown	;	
;	MOLECULE TYPE: protein	;	
;	US-08-482-728A-12	;	
;	Query Match	;	Score 49; DB 2; Length 126;
;	Best Local Similarity 100.0%; Pred. No. 0.018;	;	
;	Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	;	
;	QY 1 TPHRVIPSP 9	;	

Db 35 TFHRVIPSF 43

RESULT 2
US-09-434-354-40
Sequence 40, Application US/09434354
Patent No. 6562563

GENERAL INFORMATION:
 | APPLICANT: Murphy, Anne N.
 | APPLICANT: Clevenger, William
 | APPLICANT: Wiley, Sandra Eileen
 | APPLICANT: Andreyev, Alexander Y.
 | APPLICANT: Frigeri, Luciano G.
 | APPLICANT: Velicelebi, Gonul
 | APPLICANT: Davis, Robert E.
 | TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 | INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 | IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
 | FILE REFERENCE: 660088.433C1
 | CURRENT APPLICATION NUMBER: US/09/434,354
 | CURRENT FILING DATE: 1999-11-03
 | NUMBER OF SEQ ID NOS: 54
 | SOFTWARE: FastSEQ for Windows Version 3.0
 | SEQ ID NO: 40
 | LENGTH: 207
 | TYPE: PRT
 | ORGANISM: Homo sapien
 | US-09-434-354-40

Query Match 100.0%; Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.031;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 3
US-09-538-092-1042
Sequence 1042, Application US/09538092
Patent No. 6753314

GENERAL INFORMATION:
 | APPLICANT: Giot, Loic
 | APPLICANT: Mansfield, Traci A.
 | TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
 | FILE REFERENCE: 15966-542
 | CURRENT APPLICATION NUMBER: US/09/538,092
 | CURRENT FILING DATE: 2000-03-29
 | PRIOR APPLICATION NUMBER: 60/127,352
 | PRIOR FILING DATE: 1999-04-01
 | PRIOR APPLICATION NUMBER: 60/178,965
 | PRIOR FILING DATE: 2000-02-01
 | NUMBER OF SEQ ID NOS: 1387
 | SOFTWARE: CuraPatSeqFormatter Version 0.9
 | SEQ ID NO: 1042
 | LENGTH: 207
 | TYPE: PRT
 | ORGANISM: Homo sapiens
 | FEATURE:
 | NAME/KEY: misc_feature
 | LOCATION: (0) .. (0)
 | OTHER INFORMATION: Polypeptide Accession Number P30405
 | US-09-538-092-1042

Query Match 100.0%; Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.031;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 4
US-09-709-785-40
Sequence 40, Application US/09709785
Patent No. 6797467

GENERAL INFORMATION:
 | APPLICANT: Murphy, Anne N.
 | APPLICANT: Clevenger, William
 | APPLICANT: Wiley, Sandra Eileen
 | APPLICANT: Andreyev, Alexander Y.
 | APPLICANT: Frigeri, Luciano G.
 | APPLICANT: Velicelebi, Gonul
 | APPLICANT: Davis, Robert E.
 | TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
 | INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
 | IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
 | FILE REFERENCE: 660088.433C1
 | CURRENT APPLICATION NUMBER: US/09/709,785
 | CURRENT FILING DATE: 2002-09-16
 | NUMBER OF SEQ ID NOS: 57
 | SOFTWARE: FastSEQ for Windows Version 3.0
 | SEQ ID NO: 40
 | LENGTH: 207
 | TYPE: PRT
 | ORGANISM: Homo sapien
 | US-09-709-785-40

Query Match 100.0%; Score 49; DB 4; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.031;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 5
US-09-949-016-7645
Sequence 7645, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:
 | APPLICANT: VENTER, J. Craig et al.
 | TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 | WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 | FILE REFERENCE: CL001307
 | CURRENT APPLICATION NUMBER: US/09/949,016
 | CURRENT FILING DATE: 2000-04-14
 | PRIOR APPLICATION NUMBER: 60/241,755
 | PRIOR FILING DATE: 2000-10-20
 | PRIOR APPLICATION NUMBER: 60/237,768
 | PRIOR FILING DATE: 2000-10-03
 | PRIOR APPLICATION NUMBER: 60/231,498
 | PRIOR FILING DATE: 2000-09-08
 | NUMBER OF SEQ ID NOS: 207012
 | SOFTWARE: FastSEQ for Windows Version 4.0
 | SEQ ID NO: 7645
 | LENGTH: 222
 | TYPE: PRT
 | ORGANISM: Human
 | US-09-949-016-7645

Query Match 100.0%; Score 49; DB 4; Length 222;
 Best Local Similarity 100.0%; Pred. No. 0.033;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 109 TFHRVIPSF 117

RESULT 6
US-08-142-897-6
Sequence 6, Application US/08142897

Patent No. 5447852
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.
TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
NUMBER OF INVENTION: and Uses
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tracy J. Dunn
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142, 897
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/005, 917
FILING DATE: 15-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/740, 375
FILING DATE: 05-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Tracy D.
REGISTRATION NUMBER: 34, 587
REFERENCE/DOCKET NUMBER: 5490A-92-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 205 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-142-897-6

Query Match 93.9%; Score 46; DB 1; Length 205;
Best Local Similarity 88.9%; Pred. No. 0.12;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TPHRVIPSF 9
Db 85 TPHRVIPNF 93

RESULT 7
US-09-538-092-386
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: Sequence 386, Application US/09538092
PATENT NO. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
PRIORITY APPLICATION NUMBER: 2000-03-29
PRIORITY FILING DATE: 1999-04-01
PRIORITY APPLICATION NUMBER: US/09/538, 092
PRIORITY FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormatter Version 0.9
SEQ ID NO 386
LENGTH: 205

TYPE: PRT
ORGANISM: *Saccharomyces cerevisiae*
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0) . . . (0)
OTHER INFORMATION: Polypeptide Accession Number YHR057C
US-09-538-092-386

Query Match 93.9%; Score 46; DB 4; Length 205;
Best Local Similarity 88.9%; Pred. No. 0.12;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TPHRVIPSF 9
Db 85 TPHRVIPNF 93

RESULT 8
US-08-145-995A-10
Sequence 10, Application US/08145995A
PATENT NO. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145, 995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-10

Query Match 91.8%; Score 45; DB 1; Length 171;
Best Local Similarity 88.9%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TPHRVIPSF 9
Db 59 TPHRVIPGF 67

RESULT 9
US-08-451-747-10
Sequence 10, Application US/08451747

Patent No. 5821107
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K.S.
 ADDRESS: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 171 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

Query Match 91.8%; Score 45; DB 2; Length 171;
 Best Local Similarity 88.9%; Pred. No. 0.16;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
 Db 59 TFHRVIPGF 67

RESULT 11
 US-09-489-039A-11077
 Sequence 11077, Application US/09489039A
 Patent No. 6610836

GENERAL INFORMATION:
 APPLICANT: Gary Breton et. al
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 FILE REFERENCE: 2709.2004001
 CURRENT APPLICATION NUMBER: US/09/489,039A
 CURRENT FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/117,747
 PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
 SEQ ID NO 11077
 LENGTH: 192
 TYPE: PRT
 ORGANISM: Klebsiella pneumoniae
 US-09-489-039A-11077

Query Match 91.8%; Score 45; DB 4; Length 192;
 Best Local Similarity 88.9%; Pred. No. 0.18;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
 Db 71 TFHRVIPGF 79

RESULT 12
 US-09-543-681A-6912
 Sequence 6912, Application US/09543681A
 Patent No. 6605709

GENERAL INFORMATION:
 APPLICANT: GARY BRETON
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

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; FILE REFERENCE: 2709_1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO: 6912
; LENGTH: 198
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-6912

Query Match 1 TFHRVIPSF 9
Best Local Similarity 91.8%; Score 45; DB 4; Length 198;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESS: CUSHMAN STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STREUR
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-995A-11

Query Match 2 FHRVIPSF 9
Best Local Similarity 83.7%; Score 41; DB 1; Length 165;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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; RESULT 14
; Sequence 11, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; ATTORNEY: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESS: CUSHMAN STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STREUR
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-995A-11

Query Match 1 FHRVIPSF 9
Best Local Similarity 83.7%; Score 41; DB 1; Length 165;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-08-451-747-11

RESULT 17

US-09-028-366-7

Query Match

Best Local Similarity 83.7%;

Score 41; DB 3; Length 165;

Matches 7; Conservative 1;

Mismatch 0;

Indels 0;

Gaps 0;

Qy

2 FHRVIPSF 9

54 FHRVIPNF 61

Query Match

Best Local Similarity 83.7%;

Score 41; DB 3; Length 165;

Matches 7; Conservative 1;

Mismatch 0;

Indels 0;

Gaps 0;

Qy

2 FHRVIPSF 9

54 FHRVIPNF 61

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

TELEFAX: (617) 523-6440
 TELEX: 200291 STREUR
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 165 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-134-852-11

Db 60 FHRVIPNF 67

RESULT 18
US-09-715-285-7
Sequence 7, Application US/0915285
Patent No. 6649395

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.

MA, DONG HONG, XIQIANG

TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING CYCLOPHILIN AND RELATED METHODS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: New England Biolabs, Inc.

STREET: 32 Tozer Road

CITY: Beverly

STATE: MA

ZIP: 01915

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/715,285

FILING DATE: 17-NO-6649395-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/028,366

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Gregory D

REGISTRATION NUMBER: 30901

REFERENCE/DOCKET NUMBER: NEB-133

TELECOMMUNICATION INFORMATION:

TELEPHONE: 978-927-5054

TELEFAX: 978-927-1705

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 171 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-715-285-7

Query Match 83.7%; Score 41; DB 4; Length 171;
Best Local Similarity 87.5%; Pred. No. 1;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;Qy 2 FHRVIPSF 9
Db 60 FHRVIPNF 67

RESULT 19
US-09-107-532A-6729
Sequence 6729, Application US/09107532A
Patent No. 6583275

GENERAL INFORMATION:

APPLICANT: Lynn A. Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 7310

CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham

STATE: Massachusetts
COUNTRY: USA
ZIP: 02354

COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: JULY 2, 1997

ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 893-5007
TELEFAX: (781) 893-8277

INFORMATION FOR SEQ ID NO: 6729:
SEQUENCE CHARACTERISTICS:

LENGTH: 124 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
FEATURE:

NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...124
SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
US-09-107-532A-6729

RESULT 20
US-08-482-728A-16
Sequence 16, Application US/08482728A
Patent No. 5968802

GENERAL INFORMATION:

APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802 Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Rohbach, Test, Albritton
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989
 TELEX: 910 277299 NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 126 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-08-482-728A-16

Query Match Score 40; DB 2; Length 126;
 Best Local Similarity 87.5%; Pred. No. 1.2;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9

Db 36 FHRVIPDF 43

RESULT 21
 US-08-658-639-14
 Sequence 14, Application US/08658639
 Patent No. 5914238
 GENERAL INFORMATION:
 APPLICANT: KEESEE, SUSAN
 ATTORNEY: OBAR, ROBERT
 APPLICANT: WU, YING-JYE
 TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Testa, Hurwitz & Thibeault
 STREET: 125 High St.
 CITY: Boston
 STATE: MA
 ZIP: 02110
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,604
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MEYERS, THOMAS C.
 REGISTRATION NUMBER: 36,989
 REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 141 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-944-604-14

Query Match Score 40; DB 3; Length 141;
 Best Local Similarity 66.7%; Pred. No. 1.3;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FHRVIPSF 9

Db 29 SFHRVIPQF 37

RESULT 22
 US-08-944-604-14
 Sequence 14, Application US/08944604
 Patent No. 6218131
 GENERAL INFORMATION:
 APPLICANT: KEESEE, SUSAN
 ATTORNEY: OBAR, ROBERT
 APPLICANT: WU, YING-JYE
 TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Testa, Hurwitz & Thibeault
 STREET: 125 High St.
 CITY: Boston
 STATE: MA
 ZIP: 02110
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,604
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MEYERS, THOMAS C.
 REGISTRATION NUMBER: 36,989
 REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 248-7000
 TELEFAX: (617) 248-7100
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 141 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-944-604-14

Query Match Score 40; DB 2; Length 141;
 Best Local Similarity 66.7%; Pred. No. 1.3;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FHRVIPSF 9
 Db 29 SFHRVIPQF 37

COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005,917
 FILING DATE: 15-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-142-897-9

Query Match Score 40; DB 1; Length 162;
 Best Local Similarity 87.5%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 51 FHRVIPDF 58

Query Match Score 40; DB 1; Length 162;
 Best Local Similarity 87.5%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 51 FHRVIPDF 58

RESULT 24
 US-08-145-995A-14
 Sequence 14, Application US/08145995A
 ; Patent No. 5482850
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; ADDRESS: CUSHMAN
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-451-747-14
 Query Match Score 40; DB 2; Length 162;
 Best Local Similarity 87.5%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 25
 US-08-451-747-14
 Sequence 14, Application US/08451747
 ; Patent No. 5821107
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; APPLICANT: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; TITLE OF INVENTION: COMPOUNDS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 ; STREET: 32 TOZER ROAD
 ; CITY: BEVERLY
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 162 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein

US-08-451-747-14
 Query Match Score 40; DB 2; Length 162;
 Best Local Similarity 87.5%; Pred. No. 1.5;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 51 FHRVPDF 58

RESULT 26
 US-09-134-852-14
 ; Sequence 14, Application US/09134852
 ; Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: CARLOW, CLOTILDE K. S.
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 TITLE OF INVENTION: COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/142,897
 FILING DATE:
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/005,917
 FILING DATE: 15-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/740,375
 FILING DATE: 05-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Dunn, Tracy D.
 REGISTRATION NUMBER: 34,587
 REFERENCE/DOCKET NUMBER: 5490A-92-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 163 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: protein

Query Match Score 40%; DB 1; Length 163;
 Best Local Similarity 66.7%; Pred. No. 1.5;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 US-08-142-897-8

Qy 1 TPHRVIPISF 9
 Db 51 SFHRIIPGF 59

RESULT 28
 US-08-145-995A-9
 ; Sequence 9, Application US/08145995A
 ; Patent No. 5482850
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY/AGENT INFORMATION:
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; TITLE OF INVENTION: COMPOUNDS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; ADDRESSEE: CUSHMAN
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145,995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 164 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-9

Query Match 81.6%; Score 40; DB 1; Length 164;
 Best Local Similarity 66.7%; Pred. No. 1.6;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 52 SFHRIPGF 60

RESULT 30
 US-09-134-852-9
 Sequence 9, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: PAGE, ANTONY
 ADDRESS: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 COMPOUNDS
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 164 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: protein
 MOLECULE TYPE: protein
 US-09-134-852-9

Query Match 81.6%; Score 40; DB 3; Length 164;
 Best Local Similarity 66.7%; Pred. No. 1.6;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 52 SFHRIPGF 60

RESULT 31
 US-08-145-995A-12
 Sequence 12, Application US/0814595A
 Patent No. 5482850
 GENERAL INFORMATION:
 APPLICANT: PAGE, ANTONY
 ADDRESS: CARLOW, CLOTILDE K.S.
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 COMPOUNDS

Query Match 81.6%; Score 40; DB 2; Length 164;

NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ADDRESS: CUSHMAN
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/145, 995A
 FILING DATE: 29-OCT-1993
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 168 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-145-995A-12

Query Match Score 81.6%; DB 1; Length 168;
 Best Local Similarity Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 FHRVIPSF 9
 Db 56 FHRVIPQF 63

RESULT 32
 US-08-451-747-12
 ; Sequence 12, Application US/08451747
 ; Patent No. 5821107
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 ; STREET: 32 TOZER ROAD
 ; CITY: BEVERLY
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451, 747
 FILING DATE:
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 168 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-747-12
 Query Match Score 81.6%; DB 2; Length 168;
 Best Local Similarity 87.5%; Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 FHRVIPSF 9
 Db 56 FHRVIPQF 63
 RESULT 33
 US-09-134-852-12
 ; Sequence 12, Application US/09134852
 ; Patent No. 6127148
 ; GENERAL INFORMATION:
 ; APPLICANT: CARLOW, CLOTILDE K.S.
 ; ATTORNEY: PAGE, ANTONY
 ; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 ; NUMBER OF INVENTION: COMPOUNDS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
 ; STREET: 130 WATER STREET
 ; CITY: BOSTON
 ; STATE: MASSACHUSETTS
 ; COUNTRY: USA
 ; ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134, 852
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/145, 995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: RESNICK, DAVID S.
 REGISTRATION NUMBER: 34235
 REFERENCE/DOCKET NUMBER: 43406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 523-3400
 TELEFAX: (617) 523-6440
 TELEX: 200291 STRE UR
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 168 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-09-134-852-12

Query Match 81.6%; Score 40; DB 3; Length 168;
 Best Local Similarity 87.5%; Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 56 FHRVIPQF 63

RESULT 34

US-08-145-995A-7

Sequence 7, Application US/08145995A

Patent No. 5482850

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.

TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

TITLE OF INVENTION: COMPOUNDS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &

ADDRESSEE: CUSHMAN

STREET: 130 WATER STREET

CITY: BOSTON

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/451,747

FILING DATE:

CLASSIFICATION: 514

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 08/145,995

FILING DATE: 29-OCT-1993

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: WILLIAMS, GREGORY D.

REGISTRATION NUMBER: 30901

REFERENCE/DOCKET NUMBER: NEB-046-DIV

TELECOMMUNICATION INFORMATION:

TELEPHONE: (508) 927-5054

TELEFAX: (508) 927-1705

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 169 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-08-451-747-7

Query Match 81.6%; Score 40; DB 2; Length 169;

Best Local Similarity 87.5%; Pred. No. 1.6;

Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 57 FHRVIPKF 64

RESULT 35

US-08-451-747-7

Sequence 7, Application US/08451747

Patent No. 5821107

GENERAL INFORMATION:

APPLICANT: CARLOW, CLOTILDE K.S.

APPLICANT: PAGE, ANTONY

TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC

TITLE OF INVENTION: COMPOUNDS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
 ADDRESSEE: GREGORY D. WILLIAMS
 STREET: 32 TOZER ROAD
 CITY: BEVERLY
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 01915
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/451,747
 FILING DATE:
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/145,995
 FILING DATE: 29-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: WILLIAMS, GREGORY D.
 REGISTRATION NUMBER: 30901
 REFERENCE/DOCKET NUMBER: NEB-046-DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) 927-5054
 TELEFAX: (508) 927-1705
 TELEX:
 INFORMATION FOR SEQ ID NO: 7:
 LENGTH: 169 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-451-995A-7
 Query Match 81.6%; Score 40; DB 1; Length 169;
 Best Local Similarity 87.5%; Pred. No. 1.6;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 2 FHRVIPSF 9
 Db 57 FHRVIPKF 64

RESULT 36
 US-09-134-852-7
 Sequence 7, Application US/09134852
 Patent No. 6127148
 GENERAL INFORMATION:
 APPLICANT: PAGE, ANTONY
 TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARLOW, CLOTILDE K.S.
 ADDRESS: CUSHMAN, CLOTILDE K.S.
 STREET: 130 WATER STREET
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,852
 FILING DATE:
 CLASSIFICATION:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; SEQ ID NO: 09-134-852-7

RESULT 37
US-09-134-000C-3739
; Sequence 3739, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; PRIORITY FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 3739
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Enterococcus faecalis

Query Match
Best Local Similarity 81.6%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 57 FHRVIPKF 64

RESULT 38
US-09-134-000C-3739
; Sequence 3739, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; PRIORITY FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 3739
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Enterococcus faecalis

Query Match
Best Local Similarity 81.6%; Pred. No. 1.7;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 35 FHRVIPDF 42

RESULT 39
US-09-328-352-4950
; Sequence 4950, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: GARY L. BRETON ET AL
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO: 4950
; LENGTH: 187
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii

Query Match
Best Local Similarity 81.6%; Pred. No. 1.8;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 64 FHRVIPGF 71

RESULT 40
US-09-328-352-4950
; Sequence 4950, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: GARY L. BRETON ET AL
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO: 4950
; LENGTH: 187
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii

Query Match
Best Local Similarity 81.6%; Pred. No. 1.8;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 64 FHRVIPGF 71

RESULT 41
US-09-252-991A-21657
; Sequence 21657, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: MARC J. RUBENFIELD ET AL
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE OF INVENTION: ARERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196-136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO: 21657
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa

Query Match
Best Local Similarity 81.6%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 73 FHRVIPGF 80

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Job time : 20.4286 Secs

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- OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds

(without alignments)
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Title: US-09-720-469A-43

Perfect score: 49
 Sequence: 1 TFRVIPSF 9

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Searched: 1462099 seqB, 344972447 residues

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 Listing first 45 summaries

Database : Published Applications AA:*

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20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	49	100.0	207	14 US-10-177-293-368	Sequence 368, App
2	49	100.0	207	15 US-10-170-385-429	Sequence 429, App
3	49	100.0	207	16 US-10-408-765A-665	Sequence 665, App
4	48	98.0	220	15 US-10-424-599-278688	Sequence 278688,
5	48	98.0	238	15 US-10-424-599-278686	Sequence 278686,
6	48	98.0	243	15 US-10-425-114-41174	Sequence 41174, A
7	46	93.9	162	15 US-10-072-012-839	Sequence 839, App
8	46	93.9	172	15 US-10-424-599-155969	Sequence 155969,
9	45	91.8	18	10 US-09-891-464-11	Sequence 11, App
10	45	91.8	143	16 US-10-767-701-47262	Sequence 47262, A
11	45	91.8	171	16 US-10-767-701-47260	Sequence 47260, A
12	45	91.8	172	10 US-09-891-464-8	Sequence 8, App1
13	45	91.8	172	15 US-10-424-599-166219	Sequence 166219,

ALIGNMENTS

RESULT 1	US-10-177-293-368	Sequence 368, Application US/10177293
		; Publication No. US20030124128A1
		; GENERAL INFORMATION:
		; APPLICANT: Lillie, James
		; APPLICANT: Glatt, Karen
		; APPLICANT: Zhao, Xumei
		; APPLICANT: Gannavarpu, Manjula
		; APPLICANT: Kamatkar, Shubhangi
		; APPLICANT: Mertens, Maureen
		; APPLICANT: Myer, Vic
		; APPLICANT: Wang, Youzhen
		; APPLICANT: Xu, Yongyao
		; APPLICANT: Hoersch, Sebastian
		; APPLICANT: Monahan, John
		; APPLICANT: Meyers, Rachel E.
		; APPLICANT: Bast Jr., Robert C.
		; APPLICANT: Hortobagyi, Gabriel N.
		; APPLICANT: Puszta, Lajos
		; APPLICANT: Meric, Funda
		; APPLICANT: Sahin, Aysegul
		; APPLICANT: Mills, Gordon B.
		; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
		; TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
		; FILE REFERENCE: MRI-038
		; CURRENT APPLICATION NUMBER: US/10/177,293
		; CURRENT FILING DATE: 2002-06-21
		; PRIOR APPLICATION NUMBER: US 60/299,887
		; PRIOR FILING DATE: 2001-06-21
		; PRIOR APPLICATION NUMBER: US 60/301,572
		; PRIOR FILING DATE: 2001-06-27
		; PRIOR APPLICATION NUMBER: US 60/306,501
		; PRIOR FILING DATE: 2001-07-18
		; PRIOR APPLICATION NUMBER: US 60/325,002
		; PRIOR FILING DATE: 2001-09-25

PRIOR APPLICATION NUMBER: US 60/362,585
 PRIOR FILING DATE: 2002-03-05
 PRIOR APPLICATION NUMBER: US 60/xxxx,xxx
 PRIOR FILING DATE: 2002-05-14
 NUMBER OF SEQ ID NOS: 506
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 368
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-177-293-368

Query Match 100.0%; Score 49; DB 14; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.22; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 2
 US-10-170-385-429
 Sequence 429, Application US/10170385
 Publication No. US20030203372A1
 GENERAL INFORMATION:
 APPLICANT: Ward, Neil Raymond
 APPLICANT: Mundy, Christopher Robert
 APPLICANT: Kan, On
 APPLICANT: Harris, Robert Alan
 APPLICANT: White, Jonathan
 APPLICANT: Binley, Katie Mary
 APPLICANT: Rayner, William Nigel
 APPLICANT: Naylor, Stuart
 APPLICANT: Kingsman, Susan Mary
 APPLICANT: Krieger, David
 TITLE OF INVENTION: ANALYSIS METHOD
 FILE REFERENCE: 532682000100
 CURRENT APPLICATION NUMBER: US/10/170,385
 CURRENT FILING DATE: 2002-06-12
 PRIOR APPLICATION NUMBER: PCT/GB02/01662
 PRIOR FILING DATE: 2002-04-08
 NUMBER OF SEQ ID NOS: 549
 SEQ ID NO: 429
 LENGTH: 207
 TYPE: PRT
 ORGANISM: Homo Sapiens
 US-10-170-385-429

Query Match 100.0%; Score 49; DB 15; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.22; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 3
 US-10-408-765A-665
 Sequence 665, Application US/10408765A
 Publication No. US20040101874A1
 GENERAL INFORMATION:
 APPLICANT: Ghosh, Soumitra S.
 APPLICANT: Fahy, Eoin D.
 APPLICANT: Zhang, Bing
 APPLICANT: Gibson, Bradford W.
 APPLICANT: Taylor, Steven W.
 APPLICANT: Glenn, Gary M.
 APPLICANT: Warnock, Dale E.

Query Match 100.0%; Score 49; DB 16; Length 207;
 Best Local Similarity 100.0%; Pred. No. 0.22; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 94 TFHRVIPSF 102

RESULT 4
 US-10-424-599-278688
 Sequence 278688, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J
 APPLICANT: Kovalic, David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO: 278688
 LENGTH: 220
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_936678C.1.pep
 US-10-424-599-278688

Query Match 98.0%; Score 48; DB 15; Length 220;
 Best Local Similarity 88.9%; Pred. No. 0.36; Mismatches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 106 TFHRVIPSF 114

RESULT 5
 US-10-424-599-278686
 Sequence 278686, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J
 APPLICANT: Kovalic, David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO: 278686
 LENGTH: 238
 TYPE: PRT
 ORGANISM: Glycine max

FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_93676C.1.pep
US-10-424-599-278686

Query Match 98.0%; Score 48; DB 15; Length 238;
Best Local Similarity 88.9%; Pred. No. 0.39;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFFHRVIPSF 9
Db 124 TFFRVIIPSF 132

RESULT 6
US-10-425-114-41174
Sequence 41174, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 41174
LENGTH: 243
TYPE: PRT
ORGANISM: Zea mays

FEATURE:
; OTHER INFORMATION: Clone ID: LIB3067-025-B4_FLI.pep
US-10-425-114-41174

Query Match 98.0%; Score 48; DB 15; Length 243;
Best Local Similarity 88.9%; Pred. No. 0.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFFHRVIPSF 9
Db 129 TFFRVIIPSF 137

RESULT 7
US-10-072-012-839
Sequence 839, Application US/10072012
Publication No. US20040033493A1
GENERAL INFORMATION:
APPLICANT: Tchernev, Velizar
APPLICANT: Spytek, Kimberly
APPLICANT: Zerhusen, Bryan
APPLICANT: Patturajan, Meera
APPLICANT: Shirkets, Richard
APPLICANT: Li, Li
APPLICANT: Gangoli, Esha
APPLICANT: Padigaru, Muralidhara
APPLICANT: Anderson, David W.
APPLICANT: Rastelli, Luca
APPLICANT: Miller, Charles E.
APPLICANT: Gerlach, Valerie
APPLICANT: Taupier Jr, Raymond J.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Colman, Steven D.
APPLICANT: Wolenc, Adam R.
APPLICANT: Pena, Carol E. A.
APPLICANT: Furtak, Katarzyna
APPLICANT: Gross, William M.
APPLICANT: Alsobrook II, John P.
APPLICANT: Lepley, Denise M.

Query Match 98.0%; Score 48; DB 15; Length 238;
Best Local Similarity 88.9%; Pred. No. 0.39;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFFHRVIPSF 9
Db 124 TFFRVIIPSF 132

RESULT 8
US-10-424-599-155969
Sequence 155969, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 155969
LENGTH: 172
TYPE: PRT
ORGANISM: Glycine max

FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111860C.1.pep
US-10-424-599-155969

Query Match 93.9%; Score 46; DB 15; Length 172;
Best Local Similarity 88.9%; Pred. No. 0.68;

RESULT 9
US-09-891-464-11
Sequence 11, Application US/09891464
Publication No. US20030162175A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: NK Cell Receptor Polynucleotides, Polypeptides, and Antibodies
FILE REFERENCE: PT037P1
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: PCT/US00/34770
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/171,506
PRIOR FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 11
SEQ ID NO: 11
LENGTH: 18
TYPE: PRT
ORGANISM: Homo sapiens
US-09-891-464-11

Query Match 91.8%; Score 45; DB 10; Length 18;
Best Local Similarity 88.9%; Pred. No. 0.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 10
US-10-767-701-47262
Sequence 47262, Application US/10767701
Publication No. US20040172684A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
Plants and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(53535)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO: 47260
LENGTH: 171
TYPE: PRT
ORGANISM: Sorghum bicolor
FEATURE:
OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep
US-10-767-701-47260

Query Match 91.8%; Score 45; DB 16; Length 171;
Best Local Similarity 88.9%; Pred. No. 1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 59 TFHRVIPDF 67

Query Match 91.8%; Score 45; DB 10; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 59 TFHRVIEF 67

RESULT 13
US-10-424-599-166219
Sequence 166219, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
Plants and Uses Thereof For Plant Improvement

Query Match 91.8%; Score 45; DB 16; Length 143;
Best Local Similarity 88.9%; Pred. No. 0.87;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 73 TFHRVTPQF 81

```

; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO: 166219
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_121110C.1.pep
; SEQ ID NO: 166219
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_2.pep
; SEQ ID NO: 166219

Query Match 91.8%; Score 45; DB 16; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 TFHRVIPSF 9
Db 59 TFHRVIPQF 67
RESULT 16
US-10-767-701-32680
; Sequence 32680, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Cao, Yongwei
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO: 32680
; LENGTH: 167
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_2.pep
; SEQ ID NO: 166219

Query Match 89.8%; Score 44; DB 16; Length 167;
Best Local Similarity 77.8%; Pred. No. 1.6;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 1 TFHRVIPSF 9
Db 125 TFHRVIPGF 133
RESULT 17
US-10-767-701-32680
; Sequence 32680, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO: 160547
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_59815C.1.pep
; SEQ ID NO: 160547
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_2.pep
; SEQ ID NO: 166219
; LENGTH: 172

Query Match 91.8%; Score 45; DB 16; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1 TFHRVIPSF 9
Db 59 TFHRVIEF 67
RESULT 15
US-10-767-701-47259
; Sequence 47259, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO: 47259
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1).(183)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_84012C.1.pep
; SEQ ID NO: 47259
; LENGTH: 172

```

Query Match 89.8%; Score 44; DB 15; Length 183;
 Best Local Similarity 77.8%; Pred. No. 1.8;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 TFHRVIPSF 9
 Db 89 SFHRVIPSF 97

RESULT 18
 US-10-424-599-160653
 ; Sequence 160653, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 160653
 ; LENGTH: 204
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_116088C.1.pep
 ; US-10-424-599-160653

Query Match 89.8%; Score 44; DB 15; Length 204;
 Best Local Similarity 77.8%; Pred. No. 2;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 TFHRVIPSF 9
 Db 90 SFHRVIPSF 98

RESULT 19
 US-10-424-599-160651
 ; Sequence 160651, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 160651
 ; LENGTH: 243
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_116088C.1.pep
 ; US-10-424-599-160651

Query Match 89.8%; Score 44; DB 15; Length 243;
 Best Local Similarity 77.8%; Pred. No. 2.3;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 TFHRVIPSF 9
 Db 129 SFHRVIPSF 137

RESULT 20
 US-10-767-701-45325
 ; Sequence 45325, Application US/10767701
 ; Publication No. US20040172684A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
 ; FILE REFERENCE: 38-21(53535)B
 ; CURRENT APPLICATION NUMBER: US/10/767,701
 ; CURRENT FILING DATE: 2004-01-29
 ; NUMBER OF SEQ ID NOS: 63128
 ; SEQ ID NO 45325
 ; LENGTH: 233
 ; TYPE: PRT
 ; ORGANISM: Sorghum bicolor
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23514_1.pep
 ; US-10-767-701-45325

Query Match 87.8%; Score 43; DB 16; Length 233;
 Best Local Similarity 87.5%; Pred. No. 3.5;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRVIPSF 9
 Db 120 FHRVIPSF 127

RESULT 21
 US-10-437-963-183800
 ; Sequence 183800, Application US/10437963
 ; Publication No. US20040123343A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa, Thomas J.
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Wu, Wei
 ; APPLICANT: Boukharov, Andrey A.
 ; APPLICANT: Barbazuk, Brad
 ; APPLICANT: Li, Ping
 ; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53221)B
 ; CURRENT APPLICATION NUMBER: US/10/437,963
 ; CURRENT FILING DATE: 2003-05-14
 ; NUMBER OF SEQ ID NOS: 204966
 ; SEQ ID NO 183800
 ; LENGTH: 251
 ; TYPE: PRT
 ; ORGANISM: Oryza sativa
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT4530_80856C.1.pep
 ; US-10-437-963-183800

Query Match 87.8%; Score 43; DB 16; Length 251;
 Best Local Similarity 87.5%; Pred. No. 3.8;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FHRVIPSF 9
 Db 138 FHRVIPSF 145

RESULT 22
 US-10-424-599-180948
 ; Sequence 180948, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J

FILE REFERENCE: 38-21(51223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 180948
 LENGTH: 81
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1) .. (81)
 OTHER INFORMATION: unsure at all Xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_13440C.1.pep
 US-10-424-599-180948

Query Match 85.7%; Score 42; DB 15; Length 81;
 Best Local Similarity 66.7%; Pred. No. 1.8;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 62 SFHKIMPSF 70

RESULT 23
 Sequence 166217, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovacic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(51223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 166217
 LENGTH: 172
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_121109C.1.pep
 US-10-424-599-166217

Query Match 85.7%; Score 42; DB 15; Length 172;
 Best Local Similarity 77.8%; Pred. No. 4;
 Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 59 SFHRVIPNF 67

RESULT 24
 Sequence 155970, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovacic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(51223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 155970
 LENGTH: 172
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_111861C.1.pep
 US-10-424-599-155970

Query Match 83.7%; Score 41; DB 15; Length 172;
 Best Local Similarity 87.5%; Pred. No. 6.2;
 Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
 Db 60 SFHRVIPNF 67

RESULT 25
 Sequence 33318, Application US/10029386
 Publication No. US20030194704A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR DISEASE DIAGNOSIS
 FILE REFERENCE: AEOMICA-X-2
 CURRENT APPLICATION NUMBER: US/10/029,386
 CURRENT FILING DATE: 2001-12-20
 NUMBER OF SEQ ID NOS: 34288
 SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 33318
 LENGTH: 76
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AL049824.4
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.6
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.45
 OTHER INFORMATION: SWISSPROT HIT: Q9UNP9, EVALUE 1.00e-34
 US-10-029-386-33318

Query Match 81.6%; Score 40; DB 14; Length 76;
 Best Local Similarity 66.7%; Pred. No. 4.2;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
 Db 18 SFHRIIIPQF 26

RESULT 26
 Sequence 195152, Application US/10437963
 Publication No. US20040123343A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(51223)B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 195152
 LENGTH: 172
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_121109C.1.pep
 US-10-437-963-195152

CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO 195152
 LENGTH: 101
 TYPE: PRT
 ORGANISM: Oryza sativa
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)..(101)
 OTHER INFORMATION: unsure at all xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT4530_91128C.1.pep
 US-10-437-963-195152

Query Match 81.6%; Score 40; DB 16; Length 101;
 Best Local Similarity 66.7%; Pred. No. 5.6;
 Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFEHRVIPSF 9
 Db 51 TFEHRLIPTY 59

OTHER INFORMATION: Remaining Prior Application data removed - See File Wrapper or PALM.

RESULT 27
 US-09-764-877-1498
 Sequence 1498, Application US/09764877
 Patent No. US20020147140A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 FILE REFERENCE: PC005
 CURRENT APPLICATION NUMBER: US/09/764,877
 CURRENT FILING DATE: 2001-01-17
 Prior application data removed - refer to PALM or file wrapper
 NUMBER OF SEQ ID NOS: 4031
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1498
 LENGTH: 132
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (11)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (11)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (125)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (127)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (128)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-10-242-515-1498

Query Match 81.6%; Score 40; DB 15; Length 132;
 Best Local Similarity 77.8%; Pred. No. 7.3;
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFEHRVIPSF 9
 Db 92 TTHRVVPSF 100

RESULT 29
 US-10-424-599-251810
 Sequence 1498, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21 (53223) B

CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 251810
 LENGTH: 142
 TYPE: PRT

RESULT 28
 US-10-242-515-1498
 Sequence 1498, Application US/10242515
 Publication No. US2004009488A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 FILE REFERENCE: PC005C1
 CURRENT APPLICATION NUMBER: US/10/242,515

```

; ORGANISM: Glycine max
; FEATURE: 
; NAME/KEY: unsure
; LOCATION: (1) .(142)
; OTHER INFORMATION: unsure at all Xaa locations
; OTHER INFORMATION: Clone ID: PAT_MRT3847_69411C.1.pep
US-10-424-599-251810

Query Match          81.6%;  Score 40;  DB 15;  Length 142;
Best Local Similarity 77.8%;  Pred. No. 7.9;
Matches 7;  Conservative 1;  Mismatches 1;  Indels 0;  Gaps 0;

Qy      1 T FHRVIPSF 9
Db      63 T FHRVSPNF 71

RESULT 30           US-10-114-270-72
Sequence 72, Application US/10114270
Publication No. US20040030110A1

GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patterson, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Sheroy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glenna
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shirkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Ediriger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothemberg, Mark E.

TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: US/10/114,270
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/282,930
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12

; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO: 72
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-114-270-72

Query Match          81.6%;  Score 40;  DB 15;  Length 165;
Best Local Similarity 66.7%;  Pred. No. 9.2;
Matches 6;  Conservative 2;  Mismatches 1;  Indels 0;  Gaps 0;

Qy      1 TFHRVIPSF 9
Db      52 SFHRVIPGF 60

```

RESULT 31 US-10-092-900A-290
Sequence 290, Application US/10092900A
Publication No. US2004043382A1

GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Sheroy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patterson, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Guo, Xiaoja Sasha Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spadera, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.

TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,900A
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USSN 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USSN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/325,681
PRIOR FILING DATE: 2001-09-27

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; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 51720
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB5052-009-A1-XP1-D3.pep
US-10-767-701-51720

Query Match 81.6%; Score 40; DB 16; Length 183;
Best Local Similarity 87.5%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 103 FHRVPEF 110

; RESULT 34
US-10-425-114-67005
; Sequence 67005, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 67005
; LENGTH: 188
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4756-073-B6_FLI.pep
US-10-425-114-67005

Query Match 81.6%; Score 40; DB 15; Length 188;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 77 FHRVPOF 84

; RESULT 35
US-10-425-114-45273
; Sequence 45273, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 45273
; LENGTH: 193
; TYPE: PRT

; RESULT 33
US-10-767-701-51720
; Sequence 51720, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53335)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 45273
; LENGTH: 193
; TYPE: PRT

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; ORGANISM: Zea mays
; FEATURE: OTHER INFORMATION: Clone ID: 700381803_FLI.pep
US-10-425-114-45273

Query Match          81.6%; Score 40; DB 15; Length 193;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
RESULT 38
Qy      2 FHRVIPSF 9
Db      79 FHRVIPGF 86

; Sequence 48250, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
;   APPLICANT: Liu, Jingdong
;   APPLICANT: Zhou, Yihua
;   APPLICANT: Kovalic, David K.
;   APPLICANT: Screen, Steven E.
;   APPLICANT: Tabaska, Jack E.
;   APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 48250
; LENGTH: 221
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB5121-006-A1-PF1-A8.pep
US-10-767-701-52075

Query Match          81.6%; Score 40; DB 16; Length 221;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
RESULT 39
Qy      2 FHRVIPSF 9
Db      104 FHRVIPQF 111

; Sequence 48250, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
;   APPLICANT: HONDA, Goichi
;   APPLICANT: MATSUDA, Akio
;   APPLICANT: MURAMATSU, Shuji
;   APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 488
; SEQ ID NO 236857
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-153-668-280

Query Match          81.6%; Score 40; DB 14; Length 301;
Best Local Similarity 66.7%; Pred. No. 17;
RESULT 37
Qy      2 FHRVIPSF 9
Db      94 FHRVIPDF 101

; Sequence 236857, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 236857
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep
US-10-424-599-236857

Query Match          81.6%; Score 40; DB 15; Length 211;
Best Local Similarity 87.5%; Pred. No. 12;

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Matches      6;  Conservative   2;  Mismatches   1;  Indels   0;  Gaps   0;
Qy          1  TFPWVIPSF 9
Db          :|||:||| |
Db          188 SFHRIPQF 196

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RESULT 40
US-10-205-823-333
; Sequence 333, Application US/10205823
; Publication No. US20030108963A1
; GENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
; APPLICANT: Monahan, John E.
; APPLICANT: Endege, Wilson O.
; APPLICANT: Gannavarapu, Manjula
; APPLICANT: Gorbatcheva, Bella
; APPLICANT: Hoersch, Sebastian
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Wonsay, Angela M.
; APPLICANT: Glatt, Karen
; APPLICANT: Zhao, Xumei
; APPLICANT: Anderson, Dustin
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
; TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF PROSTATE CANCER
; FILE REFERENCE: MRI-044
; CURRENT APPLICATION NUMBER: US/10/205,823
; CURRENT FILING DATE: 2002-07-25
; PRIOR APPLICATION NUMBER: 60/307,982
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: 60/314,356
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 60/325,020
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 60/341,746
; PRIOR FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/362,158
; PRIOR FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 333
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-205-823-333

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Query Match          81.6%;  Score 40;  DB 14;  Length 301;
Best Local Similarity 66.7%;  Pred. No. 17;
Matches      6;  Conservative   2;  Mismatches   1;  Indels   0;  Gaps   0;
Qy          1  TFPWVIPSF 9
Db          :|||:||| |
Db          188 SFHRIPQF 196

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